



11th Annual Academic Surgical Congress

MEETING PROGRAM

February 2 - 4, 2016

Hyatt Regency Jacksonville Riverfront
Jacksonville, Florida

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Association for Academic Surgery (AAS)

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EDUCATIONAL OBJECTIVES

After participating in this educational activity, attendees will be able to:

1. Identify important research and clinical advancements relating to topics within academic surgery, including oncology, trauma, critical care, pediatrics, vascular, cardiothoracic, gastroenterology, transplant, education, emerging technologies, global surgery, clinical trials, outcomes, and health services research.
2. Develop an understanding of current issues in the advancement of the art and science of surgery.
3. Improve treatment strategies for surgical patients.
4. Discuss the latest basic science, translational, and health services research and the expected impact of these breakthroughs in future patient care.
5. Review the newest technologies that facilitate improved outcomes in surgical patients.

ASC 2016 INSTITUTIONAL MEMBERS

Platinum Members

- Brigham and Women's Hospital
- Department of Surgery, Duke University School of Medicine
- Stanford University*
- University of California at San Diego
- University of Vermont Medical Center, Department of Surgery
- University of Wisconsin School of Medicine and Public Health*

Gold Members

- Johns Hopkins Medicine*
- University of California Los Angeles, Department of Surgery*
- Department of Surgery, University of Michigan Health System*
- University of Pittsburgh Medical Center*

Silver Members

- Beth Israel Deaconess Medical Center
- Mayo Clinic
- Medical College of Wisconsin, Department of Surgery*
- Northwestern University Feinberg School of Medicine*
- Penn State Milton S. Hershey Medical Center
- Rutgers New Jersey Medical School, Department of Surgery
- University of Alabama at Birmingham*
- University of Arizona, Department of Surgery
- University of Cincinnati, Department of Surgery
- University of Missouri, Department of Surgery
- University of Texas MD Anderson Cancer Center
- University of Texas Medical Branch

Bronze Members

- Baylor College of Medicine*
- Massachusetts General Hospital, Department of Surgery*
- University of Colorado SOM, Department of Surgery
- University of North Carolina
- Keck School of Medicine, University of Southern California
- The University of Texas Medical School at Houston
- University of Texas Southwestern Medical Center
- Vanderbilt University Medical Center

*Founding Institutional Member

ASC 2016 EXHIBITORS

**Bard Davol
Disclosure, LLC
Doctella**

**Hitachi Aloka Medical
The JAMA Network
Scribe**

GENERAL INFORMATION



EVENT NAME

11th Annual Academic Surgical Congress

DATE

February 2 - 4, 2016

LOCATION

Hyatt Regency Jacksonville Riverfront

225 East Coastline Drive
Jacksonville, Florida 32202

CONTACT

Association for Academic Surgery (AAS)

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Los Angeles, CA 90064
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www.aasurg.org

Society of University Surgeons (SUS)

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Phone: (310) 986-6442
Fax: (310) 437-0585
www.susweb.org

ON-SITE REGISTRATION HOURS

Location: Grand Ballroom Foyer

Monday, February 1, 2016	2:00 PM - 6:00 PM
Tuesday, February 2, 2016	6:30 AM - 6:30 PM
Wednesday, February 3, 2016	6:30 AM - 6:30 PM
Thursday, February 4, 2016	7:00 AM - 3:30 PM

SPEAKER READY ROOM HOURS

Location: Orlando Room

All presentations must be loaded onto the show computer. All presenters should arrive to the Speaker Ready Room at least FOUR HOURS PRIOR to the start of their session. A technician will be available onsite at the Hyatt Regency to assist you with your presentation to load it onto the show computer.

Monday, February 1, 2016	2:00 PM - 9:00 PM
Tuesday, February 2, 2016	5:30 AM - 6:30 PM
Wednesday, February 3, 2016	5:30 AM - 6:30 PM
Thursday, February 4, 2016	5:30 AM - 3:30 PM

EXHIBIT HOURS

Location: Grand Ballroom Foyer

Visit the ASC Exhibit Area for your opportunity to update yourself in the latest surgical services and products. The Exhibits offer you the very best in equipment and services, plus the innovative tools for boosting your surgical knowledge.

Tuesday, February 2, 2016

9:30 am - 4:00 pm	Exhibit Area Open
9:30 am - 10:00 am	Morning Break in Exhibit Area
3:30 pm - 4:00 pm	Afternoon Break in Exhibit Area
4:00 pm - 6:30 pm	Exhibits Closed – Break for Exhibitors
6:30 pm - 7:30 pm	Cocktail Reception in the Exhibit Area

Join us for the opening Exhibit, Poster and Welcome Reception

Wednesday, February 3, 2016

9:30 am - 4:30 pm	Exhibit Area Open
9:30 am - 10:00 am	Morning Break in Exhibit Area
3:30 pm - 4:00 pm	Afternoon Break in Exhibit Area
4:30 pm - 5:30 pm	Cocktail Reception in Exhibit Area

Thursday, February 4, 2016

9:30 am - 1:30 pm	Exhibit Area Open
9:00 am - 9:30 am	Morning Break in Exhibit Area
1:30 pm	Exhibits Close

DISCLOSURE PROCEDURE

It is the policy of the Academic Surgical Congress (ASC) and PESI, Inc., in accordance with the Accreditation Council for Continuing Medical Education (ACCME), to ensure balance, independence, objectivity and scientific rigor in all CME activities. Anyone engaged in content development, planning or presentation must disclose all relevant financial relationships with a commercial interest producing health care goods or services; and who also has the opportunity to affect the content of CME about the products or services of that commercial interest. All presenters are also required to disclose any usage of investigational use or off-label products. Disclosure information will be provided to participants prior to the meeting in the final program.

ADA STATEMENT

In accordance with the ADA, the Academic Surgical Congress will accommodate requests for special needs made in advance of the meeting.

The programs and talks presented at the 11th Annual Academic Surgical Congress are copyrighted products of the Academic Surgical Congress. Any reproduction or rebroadcasting without the express written consent of ASC is strictly prohibited.

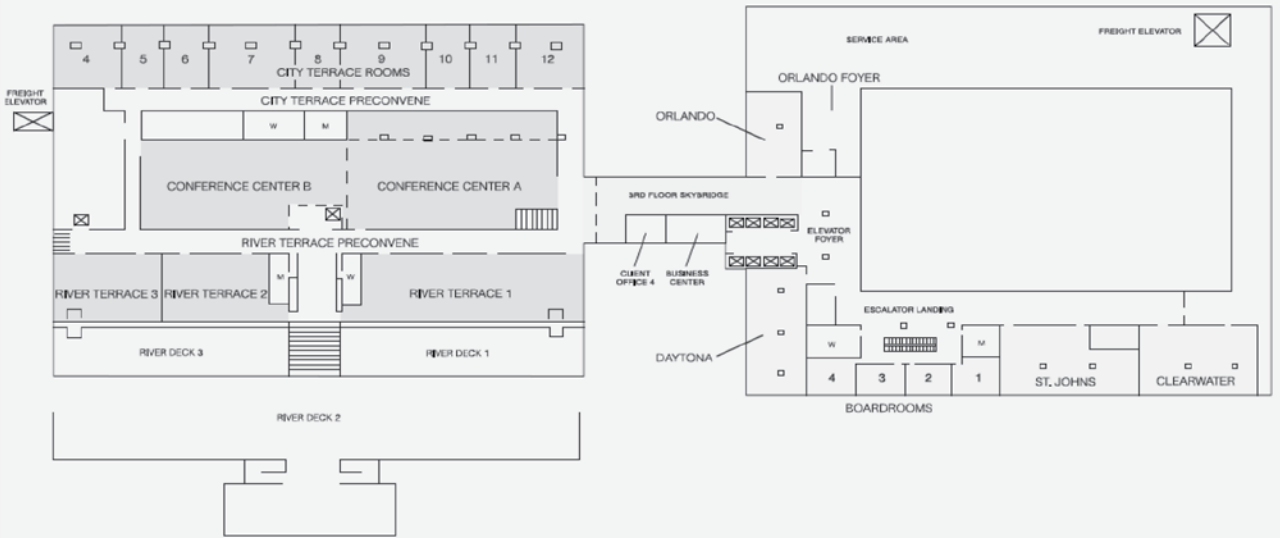


FLOORPLAN

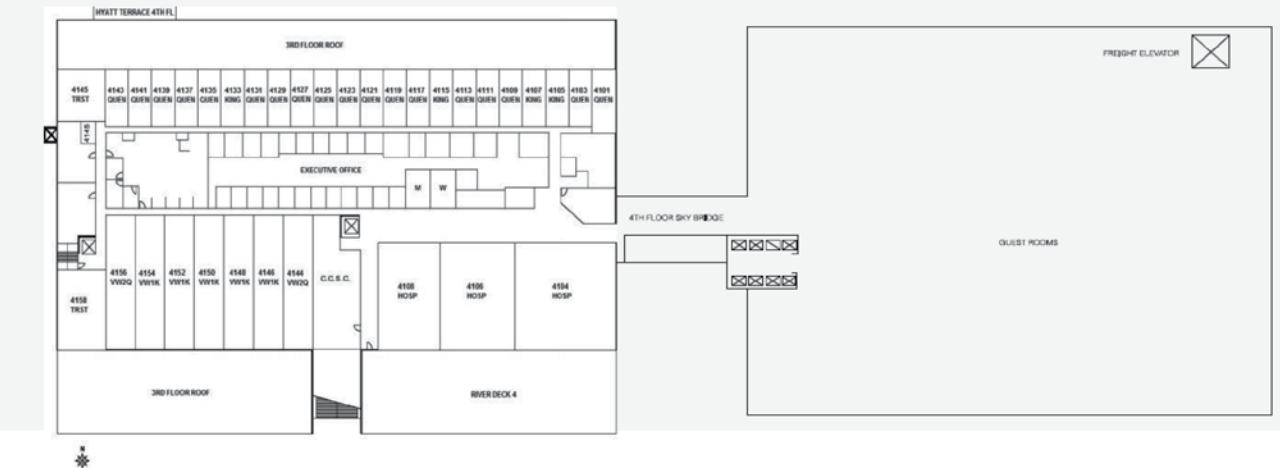
2ND FLOOR



3RD FLOOR



4TH FLOOR



MESSAGE FROM THE PRESIDENTS



Dear Guest,

On behalf of the Executive Councils of the Association for Academic Surgery (AAS) and the Society of University Surgeons (SUS), we are delighted to invite you to Jacksonville, FL for the **11th Annual Academic Surgical Congress (ASC)**.

Over the past 11 years the ASC has become the premier gathering place for surgeon-scientists—offering unparalleled opportunities for scientific exchange and networking with peers. Each year the ASC registration grows (topping 1,500 last year) and the program has become more diverse, with programming relevant to those interested in basic science, education, health policy, outcomes research, global health, leadership, and many other topics relevant to academic surgery.

This year's program, led by Kasper Wang, MD of the SUS and Adil Haider, MD, MPH of the AAS, promises to be the most diverse, vibrant, and exciting yet! This year the AAS Founders lecture will be presented by **John Birkmeyer, MD** and the SUS Joel J. Roslyn lecture by **Mary Hawn, MD**. We also invite you to attend each of the AAS and SUS Presidential Sessions, which will include cutting-edge talks on academic career development and health care policy. Finally, and perhaps most importantly, we hope that you will develop new friendships and collaborations, and that these new relationships will enhance your goals of performing the highest quality research and improving patient care.

The combination of cutting-edge science, dynamic speakers, and rich mentoring programs for students, residents and junior faculty will provide a week full of learning and numerous opportunities to connect with colleagues in an engaging city!

We look forward to seeing you in Jacksonville!



Justin B. Dimick, MD, MPH
AAS President

George D. Zuidema Professor of Surgery
Chief of the Division of Minimally Invasive Surgery
Director, Center for Healthcare Outcomes and Policy
Associate Chair for Strategy & Finance
University of Michigan Health System



Sharon Weber, MD
SUS President

Tim and MaryAnn McKenzie Chair of Surgical
Oncology
Director for Surgical Oncology, UW Carbone
Cancer Center
Vice Chair of Academic Affairs, Division of General
Surgery
Professor, Surgical Oncology
University of Wisconsin Department of Surgery and
School of Medicine and Public Health



CME Worksheet

CME Worksheet for Academic Surgical Congress 2016 Meeting: This is not your CME credit form. Please use the worksheet below to track the number of CME hours you attend for each activity. The link to the evaluation and CME credit claim system will be available online at academicsurgicalcongress.org. Certificates may be printed and re-printed through the CME system website.

Tuesday, February 2, 2016		Session Time	Credits Available	Hours Attended
Integrated Quick Shot Presentations Session I (Sessions 1-18)		7:30AM - 9:30AM	2	
SUS Presidential Address: "Our Greatest Resource"		10:45AM - 11:30AM	0.75	
HOT TOPIC SESSION #1: "The Academic Medical Center of the Future: Transition from a Department-Oriented Infrastructure to a Multidisciplinary Disease-Specific Approach"		11:30AM - 1:00PM	1.5	
OUTCOMES COMMITTEE SESSION: "First Reporting of the FIRST Trial Results: What's Next for Resident Duty Hours Policy?"		11:30AM - 1:00PM		
SUS PRESIDENTIAL SESSION: "The Evolution of Academic Surgery: What Will the Future Hold?"		1:00PM - 2:30PM	1.5	
SUS JOEL J. ROSLYN LECTURE: "Leaning In, Failing Fast: How Resilient is Academic Medicine?"		2:30PM - 3:00PM	0.5	
BJS LECTURE: "ERAS: Should it be the Standard of Care?"		3:00PM - 3:30PM	0.5	
Basic Science Plenary		4:00PM - 5:30PM	1.5	
Education Plenary		4:00PM - 5:30PM		
Total Credits Available:			8.25	
Wednesday, February 3, 2016		Session Time	Credits Available	Hours Attended
Integrated Oral Presentations Session I (Sessions 24-41)		7:30AM - 9:30AM	2	
AAS FOUNDERS LECTURE: "Surgical Health Services Research Grows Up: Reflections on Science, Practice, and Leadership"		10:00AM - 10:30AM	0.5	
AAS PRESIDENTIAL ADDRESS: "The Rookie Advantage"		10:30AM - 11:30AM	1	
HOT TOPIC SESSION #2: "High-Risk Surgery Under Emerging Payment Mechanisms: What Do Accountable Care Organizations, Bundled Payments, and Global Budgets Imply for the Future of Surgery?"		11:30AM - 1:00PM	1.5	
AWS LUNCHEON: "You Are What You Wear? How to Project Your Best Self"		11:30AM - 1:00PM		
AAS PRESIDENTIAL SESSION: "Failing Forward: A Poor Career Decision... and How I Recovered"		1:00PM - 2:30PM	1.5	
Integrated Oral Presentations Session II (Sessions 42-59)		2:30PM - 4:30PM	2	
Total Credits Available:			8.5	
Thursday, February 4, 2016		Session Time	Credits Available	Hours Attended
SPONSORED BREAKFAST: "How to Review a Paper: Suggestions from the Editors of <i>SURGERY</i> and <i>Journal of Surgical Research</i> "		7:00AM - 9:00AM	2	
ETHICS COMMITTEE SESSION: "Cultural and Ethical Competencies in Global Surgery"		7:30AM - 9:00AM	1.5	
ISSUES COMMITTEE SESSION: "Professional Underperformance, Impairment, and Mindfulness – From Residency to Retirement"		9:00AM - 10:30 AM	1.5	
Outcomes Plenary		10:30AM - 12:00PM	1.5	
HOT TOPIC SESSION #3: "The Role of Professional Coaching in Developing Emotional Intelligence and Preventing Burnout in Surgery"		12:00PM - 1:30PM	1.5	
EDUCATION COMMITTEE SESSION: "Academic Success in Surgery: What Does It Really Take??"		12:00PM - 1:30PM		
Integrated Quick Shot Presentations Session II (Sessions 61-78)		1:30PM - 3:30PM	2	
Total Credits Available:			8.5	

CME ACCREDITATION

This activity was planned and implemented in accordance with the Essential Areas and Policies of the Accreditation Council for Continuing Medical Education through the joint providership of PESI, Inc. and the Academic Surgical Congress (ASC). PESI, Inc. is accredited by the ACCME to provide continuing medical education for physicians.

The PESI, Inc. designated this live activity for a maximum of 25.25 *AMA PRA Category 1 Credits*™. Physicians should only claim credit commensurate with the extent of their participation in the activity.

International CME: International Physicians are formally eligible for *AMA PRA Category 1 Credit*™.

Physician Assistants: AAPA accepts Category 1 credit from AOACCME, Prescribed credit from AAFP, and *AMA PRA Category 1 Credit*™ for the PRA from organizations accredited by ACCME.



CME Credit Claim Instructions

Please read the instructions below for obtaining your CME Certificate and Certificate of Attendance.

ASC meeting evaluations are electronic via the online evaluation system. If you are seeking CME credit or a Certificate of Attendance, you may print your certificate upon completion and submission of the online evaluation form.

Please go to the online meeting website for the link to the evaluation system: <http://www.academicsurgicalcongress.org/> or

Access the evaluation system site directly at: <http://data.express-evaluations.com/eval/37232/web/main.php>

You will be prompted to enter login information to access the evaluation. The login information is your **registrant email address**. The password is **ASC** and is not case sensitive. You should also have received an email including this information. If you require the email used for your registration, contact the ASC Registrar at registrations@academicsurgicalcongress.org or at 310-986-6444, ext 128. The evaluation includes the following sections: Demographics, Session Evaluation, and the Overall Evaluation.

Be sure to complete the online evaluation by **March 31, 2016**. You will receive your CME Certificate or Certificate of Attendance immediately after submitting your evaluation. Your certificate will be available for printing for 1 year after the meeting.

Academic Surgical Congress Policy on Conflict of Interest

A. Identifying Conflicts of Interest

The ASC Conflict of Interest Committee has implemented the following process towards identifying potential conflicts of interest.

1. Members of both AAS and SUS Committees involved in the planning of the Academic Surgical Congress, including the Core Group, must provide a financial disclosure. These disclosures are sent to the committee in advance of each committee meeting/conference call. Attendees are reminded about the disclosure policy at each committee meeting, and any committee member with a conflict is asked to recuse him or herself from the discussion of any relevant CME activities.
2. Invited faculty for the Academic Surgical Congress must provide their financial disclosures upon invitation to serve as faculty. This information is forwarded to the Conflict of Interest Committee, who then determines whether or not a potential conflict exists.
3. For abstract submissions for the scientific session, all content authors must provide disclosures upon abstract submission. Abstracts are peer reviewed in a blinded fashion by multiple reviewers and are selected for presentation based on scientific merit. All disclosures which indicate a potential conflict are provided to the Conflict of Interest Committee for review. No content author may be an employee of a commercial interest.
4. All speakers at the Academic Surgical Congress must display a list of financial disclosures on the first slide of their presentation and disclosures are printed in the final program materials.

B. Managing Potential Conflicts of Interest

The ASC Conflict of Interest Committee has implemented several mechanisms to manage conflicts of interest prior to an educational activity.

1. Recusal, such as the committee member recusing him or herself from discussion of CME activities, and/or oversight by the Committee Chair.
2. The ASC Conflict of Interest Committee reviews all invited faculty and abstract author disclosures, and their respective proposed course outlines/faculty lists and abstracts. The disclosure form requires faculty/authors to provide management suggestions if there is a relationship with a commercial entity. If there is a potential conflict cited, this information is forwarded to the ASC Conflict of Interest Committee, who is responsible for determining whether or not a conflict exists and if so, how to manage this conflict.
3. If a conflict is determined, then a notice is sent via email to the faculty member/author from the ASC Program Chairs, requiring them to adhere to the management technique. Management techniques include providing an explanation of the potential conflict, changes to the presentation, recusing him or herself from the presentation, and/or submitting the presentation in advance of the ASC for peer review.
4. During the session, the Session Moderators will be notified which faculty were reviewed for potential conflict and are asked to observe the presentations and make note of commercial bias. If any is perceived, this is immediately reported to the ASC staff and the Moderator should also take steps to clarify this during the actual session by asking the faculty member/presenter to provide an explanation.
5. All ASC attendees are asked to make note of perceived commercial bias in the immediate post activity evaluations. The ASC Conflict of Interest Committee will investigate substantive concerns.



MEET THE PRESIDENTS

AAS PRESIDENT



Justin B. Dimick, MD, MPH

Justin B. Dimick, MD, MPH is the George D. Zuidema Professor of Surgery, Chief of the Division of Minimally Invasive Surgery, and Director of the Center for Healthcare Outcomes & Policy at the University of Michigan. Dr. Dimick's clinical practice is primarily devoted to advanced laparoscopy, including treatment of morbid obesity, gastroesophageal reflux (GERD), abdominal wall hernias, and other benign and neoplastic diseases of the stomach, spleen, and foregut. Dr. Dimick's research program, currently funded by 4 R01 grants from the NIH and AHRQ, focuses on quality measurement, policy evaluation, and large-scale quality improvement interventions. He has more than 200 peer-reviewed publications, including papers in *NEJM*, *JAMA*, *Health Affairs* and the leading surgical journals. Dr. Dimick serves in leadership positions in several organizations, including President of the Association for Academic Surgery (AAS) and the Board of Directors of the Surgical Outcomes Club (SOC). He is currently a standing member of the NIH Health Services Organization and Delivery (HSOD) Study Section. He has served in advisory roles on quality and health care policy issues for several organizations, including the Institute of Medicine (IOM), the Medicare Payment Advisory Commission (MedPAC), Blue-Cross BlueShield Association (BCBSA), and the American College of Surgeons National Surgical Quality Improvement Program (ACS-NSQIP).

SUS PRESIDENT



Sharon Weber, MD

Dr. Sharon Weber attended the University of Wisconsin-Madison for her general surgery residency. She completed her specialty training at Memorial Sloan-Kettering Cancer Center, with dual fellowships in surgical oncology and hepatobiliary surgery. She specializes in benign and malignant disorders of the liver, pancreas and bile duct, in addition to gastric cancer, melanoma, and sarcoma. She is actively involved in minimally invasive approaches to cancer treatment, including both laparoscopic pancreas and liver surgery. Her research interests include mixed methods evaluation of risk factors for readmission using a systems engineering approach, with a focus on the transition of care, and outcomes research evaluating preoperative predictors of postoperative complications. Dr. Weber serves on the executive council of the SSAT, SSO, SUS, and AHPBA, and is President of the SUS. Dr. Weber is currently the Tim and MaryAnn McKenzie Chair of Surgical Oncology, Director of Surgical Oncology for the Carbone Cancer Center, and Vice Chair of Academic Affairs for the Division of General Surgery.

JOEL J. ROSLYN LECTURE



SUS JOEL J. ROSLYN LECTURER



Mary Hawn, MD

Dr. Mary T. Hawn is the Stanford Medicine Professor of Surgery and Chair of the Department of Surgery at Stanford University. Dr. Hawn, a native of Michigan, received her education and surgical training at the University of Michigan. Her clinical specialty is minimally invasive foregut surgery. Dr.

Hawn is a funded health services researcher and her projects focus on quality measurement and policy in surgical populations. She is a Director for the *American Board of Surgery* and serves on the editorial board of *Annals of Surgery*, *Journal of the American College of Surgeons*, *Journal of Gastrointestinal Surgery* and the *American Journal of Surgery*. Dr. Hawn has several leadership roles including Chair of the American College of Surgeons Scientific Forum Committee and as a Trustee for the Surgical Society of the Alimentary Tract. She serves as co-Editor of a new surgical textbook *Operative Techniques in Surgery*.

JOEL J. ROSLYN BIOGRAPHY



Joel J. Roslyn, MD, Chairman of the Department of Surgery at the Allegheny College of Medicine in Philadelphia, died on July 4, 1999. Joel was born in Flushing, New York. He received his undergraduate degree from Union College, and received his M.D. from Albany Medical College. He

completed his Surgical Internship, Residency, and a Research Fellowship at the University of California/Los Angeles. He then joined the faculty at UCLA where he received national recognition for his research, teaching and clinical expertise. Joel was an established researcher in the field of gallstone pathogenesis, and a nationally and internationally respected expert in pancreatic and biliary disease. He had been funded continuously for his research by the Veterans Administration and the National Institutes of Health.

In 1992, Joel and his family moved to Philadelphia where he became Chairman of the Department of Surgery at the Medical College of Philadelphia, and after the merger with Hahnemann School of Medicine, he became the surgical leader of the new Allegheny University of the Health Sciences. During this short period in Philadelphia, Joel had built an outstanding faculty, attracting a number of excellent senior staff, and most importantly in his eyes, recruiting and nurturing the careers of several outstanding young surgeons.

Joel was a valued active member of the Society of University Surgeons. He and his research fellows had a long track record of presentations before the Society. He served as a Councillor-At-Large for three years and President of the Society for the year 1995. Joel was a friend to all of us in the Society and left us with his great faith in humanity.

For those who knew Joel, his memory will live on forever. However, in recognition of his leadership, his contribution and his friendship, the SUS has chosen to provide a lasting memory of Joel. Joel will be recognized at each SUS Meeting by the provision of an annual Invited Commentary, reserved for a superannuating member, named in honor of Joel.

Joel J. Roslyn Commemorative Lecturers

2000 Heidi Nelson, MD	2008 Jeffrey A. Drebin, MD
2001 Jonathan S. Bromberg, MD	2009 Colleen M. Brophy, MD
2002 Frank W. Sellke, MD	2010 David H. Berger, MD
2003 Kevin J. Tracey, MD	2011 Selwyn M. Vickers, MD
2004 Michael T. Longaker, MD	2012 Karyn L. Butler, MD
2005 Monica M. Bertagnolli, MD	2013 Peter Angelos, MD, PhD
2006 K. Craig Kent, MD	2014 Richard D. Schulick, MD
2007 Stuart J. Knechtle, MD	2015 Barbara A. Gaines, MD

AAS FOUNDERS LECTURER



John Birkmeyer, MD

John Birkmeyer, MD is Executive Vice President of Integrated Delivery System and Chief Academic Officer at Dartmouth-Hitchcock Health, an academic health system with over 1,000 physicians spanning a large regional network of affiliated hospitals and practices. A graduate of Boston College and Harvard Medical School, he joined the Dartmouth faculty in 1996 and was subsequently appointed Chief of General Surgery. In 2004, he moved to University of Michigan as the George D. Zuidema Professor of Surgery and the Director of the Center for Healthcare Outcomes & Policy. He returned to Dartmouth-Hitchcock in 2014. An elected member of the National Academy of Medicine (formerly IOM), Dr. Birkmeyer is an internationally recognized leader in outcomes research and understanding variation in the outcomes and efficiency of hospitals and physicians. He has published over 250 articles in the scientific literature, many of which have appeared in the New England Journal of Medicine, Journal of the American Medical Association, Lancet, and Health Affairs. He has a long track record of funding from the AHRQ and the National Institutes of Health. Dr. Birkmeyer is Founder and Chief Scientific Officer of ArborMetrix, Inc., a healthcare analytics and services company in Ann Arbor.

BJS LECTURER

BJS



Henrik Kehlet, MD, PhD

Henrik Kehlet, MD, PhD, was Professor of Surgery at Copenhagen University and is now Professor of Perioperative Therapy at Rigshospitalet, Copenhagen University, Denmark. He is also an Honorary Fellow of the Royal College of Anaesthetists, UK, the American College of Surgeons, the American Surgical Association, the German Surgical Society and the German Anaesthesiological Society.

Professor Kehlet's research interests have focused on surgical pathophysiology, acute pain physiology and treatment, the transition from acute to chronic pain, postoperative fatigue and organ dysfunction. These efforts have condensed to form the concept of 'fast-track surgery' with the aim of achieving the 'pain and risk-free operation'.

Professor Kehlet has published about 1000 scientific articles and has given more than 300 invited lectures at international scientific meetings, including several honorary lectures, the last one being the Excellence in Research Award, American Society of Anesthesiology, 2014.

Past AAS Founders Lecturers

1991 Paul Vanhoutte, MD, PhD	2000 Michael S. Brown, MD	2010 Lucian L. Leape, MD
1992 Isaiah J. Fidler, DVM, PhD	2001 Thomas E. Starzl, MD, PhD	2011 David H. Berger, MD
1993 Dani Bolognesi, PhD	2002 John A. Mannick, MD	2012 Norman M. Rich, MD
1994 Howard Rasmussen, MD	2003 W. James Nelson, PhD	2013 Thomas J. Fogarty, MD
1995 Francis Collins, MD	2004 Michael E. DeBakey, MD	2014 E. Patchen Dellinger, MD, FIDSA, FSHEA
1996 M. Judah Folkman, MD	2006 Louis J. Ignarro, MD	2015 Carlos A Pellegrini, MD, FRCSI (Hon.)
1997 James C. Thompson, MD	2007 John Cameron, MD	
1998 Mary Claire King, MD	2008 Richard Gibbs, PhD	
1999 Ferid Murad, MD, PhD	2009 John E. Niederhuber, MD	

SUS LIFETIME ACHIEVEMENT AWARD



Ernest E. "Gene" Moore, MD

Ernest E. "Gene" Moore, M.D. is currently Editor of the *Journal of Trauma and Acute Care Surgery*, and was the Chief of Trauma at the Denver General Hospital for 36 years, Chief of Surgery for 26 years, and the first Bruce M. Rockwell Distinguished Chair in Trauma Surgery. He continues to serve as Vice Chairman for Research and Professor of Surgery at the University of Colorado Denver.

Under Dr. Moore's leadership, the Rocky Mountain Regional Trauma Center at Denver General became internationally recognized for innovative care of the injured patient, and its trauma research laboratory has been funded by the NIH for 25 consecutive years.

Dr. Moore has served as president of nine academic societies, including the Society of University Surgeons, American Association for the Surgery of Trauma, International Association for the Surgery of Trauma, and the World Society of Emergency Surgery.

His awards include the Robert Danis Prize from the Society of International Surgeons, Orazio Campione Prize from the World Society of Emergency Surgery, Philip Hench Award from the University of Pittsburgh, Florence Sabin Award from the University of Colorado, the Lifetime Achievement Award for Resuscitation Science from the American Heart Association, the American College of Critical Medicine Distinguished Investigator Award, and the Distinguished Service Award from the Shock Society. He has honorary fellowships in the Royal College of Surgeons – Edinburgh, the Royal College of Surgeons of Thailand, and the American College of Emergency Physicians, and is an honorary member of the Brazilian Trauma Society, Colombian Trauma Society, Eastern Association for the Surgery of Trauma, European Society for Trauma and Emergency Surgery and Trauma Association of Canada

Dr. Moore is editor of the textbook *Trauma*, now in its 8th edition, has nearly 1500 publications, and has lectured extensively throughout the world. He is married to Sarah Van Duzer Moore, M.D., an internist, and they have two sons; Hunter, a surgical resident at UCD and Peter, a medical resident at UCSF. Dr. Moore's additional interests include endurance sports, mountaineering, skiing, and wapiti pursuit.



Starting in 2005, the Society of University Surgeons initiated a Lifetime Achievement Award (LTAA). This award was designed to recognize individuals who have had a sustained career in academic surgery with contributions to the surgical sciences. In addition, these individuals have demonstrated a commitment to the Society of University Surgeons whereby they have participated in the Society even after superannuating to Senior Membership status. Their participation in the Society is evidenced by their attendance at the meetings yearly and active participation in discussion of papers, attendance at banquets and society functions.

The Society of University Surgeons seeks to honor and recognize these individuals because of their embodiment of the principles of the Society. We seek to recognize these individuals to establish role models for younger generations of surgeons to honor and emulate their contributions to the science of surgery, and moreover to the Society of University Surgeons.

SUS LIFETIME ACHIEVEMENT AWARD WINNERS

- 2015 Ernest E. "Gene" Moore, MD
- 2014 Marshall J. Orloff, MD
- 2013 Hiram C. Polk, Jr., MD
- 2012 Alden Harken, MD
- 2011 Patricia K. Donahoe, MD
- 2010 Benjamin Eiseman, MD
- 2009 Richard L. Simmons, MD
- 2008 Clyde F. Barker, MD
- 2007 Frank G. Moody, MD
- 2006 Basil A. Pruitt, Jr., MD
- 2005 James C. Thompson, MD
- 2004 John A. Mannick, MD

Royal Australasian College of Surgeons Visiting Professor:



Julie Howle, MB, BS, MS, FRACS – Surgical Oncologist, Westmead Hospital

Dr. Julie Howle is a surgical oncologist based at Westmead Hospital, Sydney, Australia. She studied medicine at the University of Sydney, graduating with

First Class Honors and completed her training in General Surgery in NSW. Her two years of post-Fellowship training was in surgical oncology at Westmead and Prince of Wales Hospitals, and in 2010, she graduated with a Masters in Surgery (University of Sydney). Her clinical interests include the management of melanoma and non-melanoma skin cancers, soft tissue sarcoma, thyroid and parathyroid disease. Dr Howle is affiliated with Melanoma Institute Australia and is involved in clinical trials in melanoma and Merkel cell carcinoma and translational research. She is the Chair of the NSW Training Committee for General Surgeons Australia, and is a member of the Board in General Surgery, which oversees training in General Surgery in Australasia.

Taiwan Surgical Association Visiting Professor:



Jen-Tsung Yang, MD, PhD – Professor of Neurosurgery, Chang Gung University

Jen-Tsung Yang is a Professor of Neurosurgery at Chang Gung University, Taiwan. He was trained at Chang Gung Memorial Hospital in Linkou and started neurosurgery in 1993. Then he moved to the Chiayi branch of Chang Gung Memorial Hospital and became the Director of Department of Neurosurgery (2001-2013) and Director of Department of Surgery (2007-2013, 2015-present).

In the area of clinical work, Jen-Tsung Yang introduced intra-operative CT and navigation system at the Chiayi branch of Chang Gung Memorial Hospital although the technique was still in the early stage of development in the world. This setting in operative room, "Surgical suite with integrated computed tomography with neuronavigation system", has been annually awarded The Symbol of National Quality by Taiwan Institute for Biotechnology and Medicine Industry since 2011. The clinical applications in various surgical field were reported by oral presentation in many annual meetings such as the European Association of Neurosurgical Societies (Italy, 2011), Asian Australasian Society of neurological Surgeons (Taiwan, 2011), Congress of Neurological Surgeons (USA, 2013), and European Association of Neurosurgical Societies (Czech Republic, 2014).

In his basic study, Jen-Tsung Yang, along with his colleagues, focused on discovering the prediction factors of stroke. They reported a novel finding that blood urea nitrogen /creatinine ratio, a marker of dehydration status, was an independent

predictor of stroke-in-evolution. Blood viscosity and urine specific gravity were also the prediction risk factors for neurological deterioration following acute ischemic stroke. MRI diffusion-perfusion study could be used for rapid detection of dehydration status. Jen-Tsung Yang also targeted glucose level in stroke patients. He investigated whether a more aggressive control of blood sugar by continuous glucose monitor system can improve hemorrhagic stroke outcome which has theoretical benefits of decreasing oxidative stress.

Colombian Surgical Association Visiting Professor:



Sergio Hoyos, MD – Chief Surgeon for HPB and Liver Transplant at Hospital Pablo Tobón Uribe, Medellín-Colombia

Dr. Sergio Hoyos received his degree from the from Universidad de Antioquia, Medellín-Colombia; General Surgeon - the Universidad Pontificia Bolivariana, Medellín-Colombia; Hepatobiliary and Pancreatic Surgeon at the Universidad de Barcelona. Received his Master in Transplantation from the Universidad Autonoma de Barcelona, and a Master in Epidemiology from the Universidad CES, Medellín-Colombia. He is the Chief surgeon for the HPB and Liver transplant program at Hospital Pablo Tobón Uribe, Medellín-Colombia. Dr. Hoyos is a member of the Gastrohepatology group at the Universidad de Antioquia and also a member of the Epidemiology group at the Universidad CES, Medellín-Colombia.

Surgical Research Society of Australasia:



**Deborah Wright, MD, PhD –
Senior Trainee in General Surgery,
University of Auckland**

Deborah Wright is a senior trainee in general surgery from New Zealand. She attends to Academic Surgical Congress as recipient of the Young Investigator Award

from the Australasian Surgical Research Society.

In 2014 Deborah completed a PhD investigating the molecular biology of colorectal cancer, the use of molecular tests in cancer care and the impact of data integrity on molecular research. A personal award from the New Zealand government's health research funding agency, the Health Research Council, supported her work.

In 2013 Deborah received a Royal Australasian College of Surgeons Certificate of Outstanding Service for her contribution as a member of the Annual Scientific Congress executive committee.

Deborah lives in Dunedin, New Zealand with her incredibly supportive husband and two young sons.

West African College of Surgeons International Visiting Professor:



**Akeem Lasisi, MD –
Chief Medical Director of the Ladoke
Akintola University of Technology
Teaching Hospital, Osogbo, Nigeria**

Professor Lasisi is currently the Chief Medical Director of the Ladoke Akintola University of Technology Teaching

Hospital, Osogbo, Nigeria. He completed his medical training from the Obafemi Awolowo University, Nigeria and otorhinolaryngology fellowship in the West African College of Surgeons and the National Postgraduate Medical College in Nigeria in 1999 and 2000 respectively. He started a faculty at the Department of Otorhinolaryngology, College of Medicine, University of Ibadan in 2000 and became full Professor of Otologic Biology in 2010. He was the immediate past Chair of the Department. He had extensive research experience in otology particularly epidemiology and molecular genetics of hearing impairment and suppurative otitis media. His thesis on the biomarkers of suppurative otitis media among children earned the Doctor of Medicine(M.D) of the University of Ibadan in 2013.

As a visiting Professor in the Hussmann Institute of Human Genomics, University of Miami between June 2014 and May 2015, he documented the first deafness mutation among Nigerians. He was the Victor Anoma Ngu Citation Lecturer of the West African College of Surgeons in the year 2014 where he delivered a talk titled "The Role of Biomarkers on Ear Infection and Aging, the Adventure of a Surgeon in the Laboratory." He has trained many residents and supervised their researches leading to their fellowship award. He is principal investigators of researches on genetics of hereditary deafness and otitis media among Nigerians and reviewer to many high impact journals. He has been recipient of the University of Ibadan, MacArthur Research Multidisciplinary Research Grant and the Nigerian Tertiary Educational Fund. He is a member in Council and Otorhinolaryngology examiner of the West African College of Surgeons and the National Postgraduate Medical College in Nigeria. He has delivered keynote and chaired sessions in various regional/international conferences. He has more than 100 publications in peer reviewed journals. He is married with 4 children.

SOCIETY OF UNIVERSITY SURGEONS INTERNATIONAL GUESTS

European Society for Surgical Research (ESSR):



ESSR Secretary General Thomas Hubert, DVM, PhD

Dr. Thomas Hubert is head of the University and Hospital Department for Experimental Research at the University Lille 2 / Faculty of Medicine. His unit welcomes 22 research teams working with researchers and clinicians of Lille University Hospital and Lille Faculty of Medicine, the biggest University Hospital in Europe. He became a Doctor in Veterinary Medicine in 2002 (Nantes National Veterinary School and Nantes Faculty of Medicine) and a PhD in Surgery in 2006 (University Lille 2 / Faculty of Medicine). He got his inter-university diploma in Endocrine and metabolic surgery in 2005 (Universities of Lille, Paris, Lyon and Marseilles). He has been working for 14 years in Prof. Francois PATTOU's team "Translational Research on Diabetes" in the Inserm lab U1190 located at Lille University Hospital. Dr. Hubert became Assistant Professor in Surgery in 2012. He has been supervising 4 Masters every year since 2006 and 4 PhD students. His main fields are islet graft in brittle Type 1 diabetes and pathophysiological study of "diabesity" surgery, both in translational research from large Mammal to humans. He has published more than 25 peer-reviewed papers in international surgery or diabetology journals (*American Journal of Transplantation, Chest, Transplantation, Diabetologia, Diabetes Care*). Dr. Hubert was elected as Secretary General of the European Society for Surgical Research (ESSR) during the 49th annual Congress held in Budapest (Hungary) in May 2014.

Brendel Prize Winner:



Olivér Rosero, MD

Dr. Rosero was born in Budapest-Hungary, and grew up in Quito-Ecuador. He graduated from the Semmelweis University, Faculty of Medicine in 2011 in Budapest. He started his research work in 2009 at the Experimental Surgery and Training Center of Semmelweis University, investigating and developing animal models for the recreation of abdominal disorders requiring surgical intervention. Presently, he is working as a resident physician of general surgery and as a PhD student at the First Department of Surgery of Semmelweis University. His current research topic is the use of surgical techniques and chemical treatments seeking the attenuation of small intestinal ischemia-reperfusion injury. He is a member of the European Society of Surgical Research, which honored him with the Walter Brendel Award in 2015.

Royal Australasian College of Surgeons (RACS):



SRS Chair Andrew G. Hill, MBChB MD (Thesis) EdD FACS FRACS

Following medical school in Auckland and a research fellowship at Harvard University in 1993 and 1994, Professor Andrew Hill completed his general surgical training in 1997 and worked in Kenya as a medical missionary and head of surgery at Kijabe Hospital with his wife and family for four years. Following this he returned to Middlemore Hospital in Auckland in 2002 where he now practices as a Colorectal Surgeon and is the Head of the South Auckland Clinical School of the University of Auckland.

He completed a PhD from the University of Auckland in 1996 and a Doctorate in Education in 2011. He has received extensive research funding from the University and from External Sources and has used this to develop a significant research portfolio. His research interests are improving outcomes from major abdominal surgery and medical education and he has published nearly 200 peer-reviewed papers in these areas.

Andrew leads the Auckland Enhanced Recovery after Surgery (AERAS), an interdisciplinary research group aiming to improve patient outcomes after major surgery. This group runs a once yearly international symposium on enhancing recovery. He is a Councilor for both the Royal Australasian College of Surgeons and the International Surgical Society and Chair of the Australasian Surgical Research Society.

SOCIETY OF UNIVERSITY SURGEONS INTERNATIONAL GUESTS



Surgical Research Society of Southern Africa (SRS of SA):



SRS of SA President
Pradeep H. Navsaria, MBChB(UCT), FCS(Surg)(SA), MMed(Surg)(UCT)

Dr. Pradeep Navsaria is the Deputy Director at the Groote Schuur Hospital Trauma Center and a Professor of Surgery for the Department of Surgery at the

University of Cape Town. He is currently the President of the Surgical Research Society of Southern Africa. As a clinical researcher he has Special interests in civilian penetrating trauma, temporary abdominal wall closure, minimal invasive surgery in trauma, non-operative management of penetrating abdominal, vascular and neck trauma, and under- and post-graduate surgical education. Dr. Navsaria is a certified instructor for ATLS, DSTC, and BSS courses.

Sceales-Antrobus Prize Winner:



Francois Malherbe, MBChB (UFS), FCS (SA), MMed Surg (UCT)

Dr. Francois Malherbe is a Consultant General Surgeon, at Groote Schuur Hospital and the University of Cape Town. He completed his medical degree (MBChB) at the University of the Free

State (UFS) in 1998. Following internship and community service, he was a medical officer in general surgery at the George Regional General Hospital in South Africa (2001 to 2006). He then undertook general surgery (2007 to 2011) speciality training at Groote Schuur Hospital and Red Cross War Memorial Children's Hospital in Cape Town, culminating in a Fellowship of the College of Surgery of South Africa in 2011 and a Masters of Medicine degree from UCT in 2015. In 2012 he was awarded the Garron Caine traveling Fellowship and used this to further his interest in Breast Surgery by attending The Royal Marsden and Nottingham Breast Units in London and Nottingham respectively. He is currently a full time Consultant in the Surgical Oncology and Endocrine Surgery Unit in the Department of General Surgery at Groote Schuur Hospital in Cape Town.

Society of Academic and Research Surgery (SARS):



SARS President
Professor Dion Morton, MBChB, FRCS (Eng), MD

Dr. Morton received his degree in Medicine from Bristol University in 1985. He was given an honorary consultant appointment at the University Hospital Birmingham in 1996, and was appointed Professor of Surgery in 2006. In 2015, he was appointed Barling Professor of Surgery at the University of Birmingham.

He is Director of the Birmingham Experimental Cancer Medicine Centre, Director of Clinical Research at the Royal College of Surgeons of England and Deputy Head at the Institute of Cancer and Genomic Sciences at University of Birmingham. He is Research Committee Chair for the European Society of Coloproctology and President of the Society for Academic and Research Surgery.

His primary research interests are clinical and translational research in colorectal cancer, but also encompass the development of clinical trials in surgery.

Patey Prize Winner:



Rajiv Dave, BSc(hons) MBChB MRCS MD

Dr. Rajiv Dave was born and raised in Mombasa, Kenya. He graduated from Leeds Medical School in the United Kingdom, spending much of his subsequent general surgery training in Leeds and Manchester. He performed his research in the department of Transplant and HPB surgery at St. James University Hospital and the Leeds Institute of Cancer and Pathology. His research was focused on investigating the application of an oncolytic virus in the treatment of colorectal liver metastases, and his research interests lie in the field of tumour immunology and metastatic disease. He has presented and published in various disciplines of surgery, and has been a member and leader of various committees at school and faculty level. He is a member of the Society of Academic and Research Surgeons, which honoured him with the Patey Prize in 2015.

Japan Surgical Society (JSS):

JSS Abstract Winner
Yoshihiro Shirai

PROGRAM CHAIRS

SUS PUBLICATIONS CHAIR



Kasper Wang, MD, FACS, FAAP

Kasper Wang, MD, FACS, FAAP, is an Associate Professor of Surgery at the University of Southern California, as well as an Attending Surgeon at Children's Hospital Los Angeles.

Dr. Wang earned his bachelor's degree from the Johns Hopkins University and his medical degree from the Johns Hopkins University School of Medicine. He completed his general surgery residency at Stanford University Hospital and his pediatric surgery fellowship at Children's Hospital Los Angeles.

Dr. Wang's main clinical interests are in minimally invasive surgery of the chest and abdomen, head and neck tumors of infants and children, and hepatobiliary disease of infants and children. His research interest is in the role of liver stem cells and progenitor cells in diseases such as biliary atresia for which he has received grants from the National Institutes of Health and the American College of Surgeons.

Dr. Wang has co-authored numerous articles for peer-reviewed publications, including *Hepatology*, *Annals of Surgery*, *Journal of the American Medical Association*, *Journal of Hepatology*, *American Journal of Physiology*, *Journal of Cellular Physiology*, *Shock*, *Developmental Dynamics*, *Developmental Biology*, and *Journal of Pediatric Surgery*. He has co-authored a number of chapters in textbooks such as *Tissue Engineering and Regenerative Medicine* and *Schwartz's Principles of Surgery*.

AAS RECORDER



Adil Haider, MD, MPH

Adil Haider MD, MPH, FACS is the Kessler Director of the Center for Surgery and Public Health, a joint initiative of Brigham and Women's Hospital, Harvard Medical School and Harvard T. H. Chan School of Public Health and a trauma / acute care surgeon at Brigham and Women's Hospital.

As an internationally acclaimed trauma outcomes scientist, Haider is credited with establishing the field of trauma disparities research and his professional goal is to eradicate health care disparities in surgery and beyond. He and his group have also pioneered several innovative methods for data analytics that have enhanced our understanding of patient outcomes after severe injury.

Dr. Haider is the Principal Investigator (PI) of the EQUALITY trial, aimed at developing a patient-centered method of inquiring about an individual patient's sexual orientation or gender identity in the emergency department setting, and also the EPIC project, which uses military healthcare data to investigate the comparative effectiveness of various treatments for surgical and trauma conditions among military service members and their families. He has received numerous international and national research awards and has authored or co-authored more than 170 peer-reviewed publications. Dr. Haider is currently PI on extramural grants worth more than seven million dollars, and he has been funded by the National Institutes of Health (NIH) / National Institute of General Medical Sciences, the American College of Surgeons (ACS), the Patient Centered Outcomes Research Institute, and the Department of Defense, among others. Along with serving as the recorder of the AAS, he is also the Chair of the SUS education committee; a director of the Surgical Outcomes Club; Chair of the Goals, Target and Indicators committee of the G4 Alliance for Surgery, Trauma, Obstetric and Anesthesia care; and the Vice Chair of the ACS Committee on Health Care Disparities. Dr. Haider has chaired or been a member of several national-level health care policy or review committees, including those constituted by the NIH, Centers for Disease Control and Prevention, and Institute of Medicine. He is also the Deputy Editor of *JAMA Surgery*.

FUTURE MEETING – SAVE THE DATE!

12TH ANNUAL ACADEMIC SURGICAL CONGRESS

Date: February 7 - 9, 2017

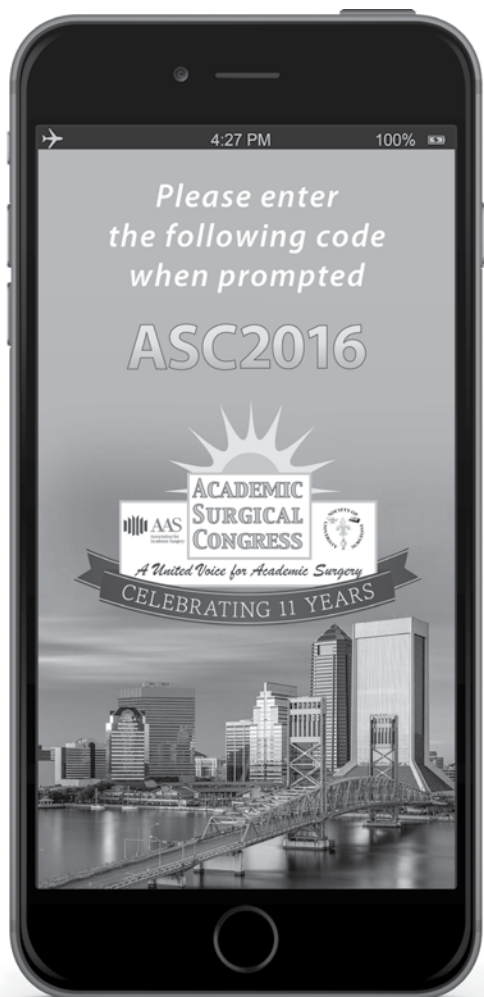
Location: Encore Las Vegas

City: Las Vegas, Nevada

HIGHLIGHTS FOR ATTENDEES INTERESTED IN BASIC SCIENCE, OUTCOMES, EDUCATION, GLOBAL HEALTH, AND GENERAL INTEREST



The 2016 Academic Surgical Congress has something for everyone! In addition to numerous sessions that will appeal to all academic surgeons, there has been an effort in recent years to diversify the program to create forums for scientific exchange and networking specific to basic science, outcomes research, education and global health, including plenary sessions for each of these research areas. There is also an extensive and diverse program of original scientific research with numerous sessions dedicated to basic science, outcomes, education research and global health. Be sure to use the Meeting App to sort by your area of interest!



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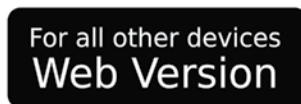
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SCHEDULE-AT-A-GLANCE

MONDAY, FEBRUARY 1, 2016		
Time	Event	Location
1:00 PM - 3:00 PM	AAS Executive Committee Lunch	City Terrace 12
1:00 PM - 2:30 PM	SUS Foundation Board Meeting	Boardroom 1
2:00 PM - 9:00 PM	Speaker Prep Open	Orlando
2:00 PM - 6:00 PM	Registration Open	Grand Ballroom Foyer
3:00 PM - 6:00 PM	SUS Executive Council Meeting	Hospitality Suite 4104
3:30 PM - 6:30 PM	AAS Executive Council Meeting	Conference Center A
6:30 PM - 7:00 PM	AAS Nominating Committee Meeting	Boardroom 2
7:00 PM - 10:00 PM	Joint Council Dinner (Invitation Only)	River Club (Off site Location)
TUESDAY, FEBRUARY 2, 2016		
Time	Event	Location
5:30 AM - 6:30 PM	Speaker Prep Open	Orlando
6:00 AM - 7:15 AM	AAS Publications Committee Meeting	Boardroom 4
6:30 AM - 6:30 PM	Registration Open	Grand Ballroom Foyer
6:30 AM - 8:00 AM	Continental Breakfast	Grand Ballroom Foyer
6:30 AM - 7:30 AM	SUS Global Academic Surgery Committee Meeting	Boardroom 1
6:30 AM - 7:30 AM	AAS New Member Breakfast (Invitation Only)	Grand Ballroom 1-3
7:00 AM - 10:00 AM	AAS Grant Interviews	Boardrooms 2 & 3
7:30 AM - 9:30 AM	Integrated Quick Shots Session I (Sessions 1-18)	
	1. Basic Science: General Surgery - Disease Pathogenesis and Experimental Therapeutics	City Terrace 4
	2. Basic Science: Oncology - Growth Factors/Receptors/Signal Transduction	City Terrace 5
	3. Basic Science: Pediatrics - Developmental Biology/Regenerative Medicine/Tissue Engineering and Disease Pathogenesis	City Terrace 6
	4. Basic Science: General Surgery - Growth Factors/Receptors/Signal Transduction	City Terrace 7
	5. Education: Continuing Medical Education and Simulation-Based Training	City Terrace 8
	6. Basic Science + Outcomes/Clinical: Vascular - Endothelial Biology and Vascular Physiology and Clinical	City Terrace 9
	7. Outcomes/Clinical: Patient Safety and Quality	City Terrace 10
	8. Outcomes/Clinical: Quality of Care	City Terrace 11
	9. Outcomes/Clinical: Disparities and Access to Care	City Terrace 12
	10. Outcomes/Clinical: General Surgery 1	River Terrace 1
	11. Outcomes/Clinical: General Surgery 2	River Terrace 2
	12. Outcomes/Clinical: General Surgery 3	River Terrace 3
	13. Outcomes/Clinical: Oncology 1	Clearwater
	14. Outcomes/Clinical: Oncology 2	St. Johns
	15. Outcomes/Clinical: Trauma/Critical Care 1	Hospitality Suite 4104
	16. Outcomes/Clinical: Trauma/Critical Care 2	Hospitality Suite 4106
	17. Outcomes/Clinical: Trauma/Critical Care 3	Hospitality Suite 4108
	18. Outcomes/Clinical: Global Surgery	Conference Center A
7:45 AM - 8:45 AM	AAS Membership Committee Meeting	Boardroom 4
8:30 AM - 9:30 AM	AAS Finance Committee Meeting	Boardroom 1
9:00 AM - 10:00 AM	AAS Institutional Representative Meeting	Boardroom 4
9:30 AM - 4:00 PM	Exhibit Hall Open	Grand Ballroom Foyer
9:30 AM - 10:00 AM	Morning Break in Exhibit Area	Grand Ballroom Foyer
10:00 AM - 10:15 AM	Opening Comments	Grand Ballroom 4-5
10:15 AM - 10:45 AM	SUS Lifetime Achievement Award	Grand Ballroom 4-5
10:30 AM - 12:00 PM	AAS Leadership Committee Meeting	Boardroom 1
10:45 AM - 11:30 AM	SUS Presidential Address: "Our Greatest Resource"	Grand Ballroom 4-5
11:30 AM - 1:00 PM	General Conference Lunch	Grand Ballroom Foyer
	OR HOT TOPICS SESSION 1 (Lunch): "The Academic Medical Center of the Future: Transition from a Department-Oriented Infrastructure to a Multidisciplinary Disease-Specific Approach"	Grand Ballroom 1-3
	OR OUTCOMES COMMITTEE SESSION (Lunch): "First Reporting of the FIRST Trial Results: What's Next for Resident Duty Hours Policy?"	Grand Ballroom 6-8
12:00 PM - 1:00 PM	SUS Nominating Committee Meeting	Boardroom 2
1:00 PM - 2:00 PM	FIRST Trial Press Conference	Daytona
1:00 PM - 2:30 PM	AAS Foundation Board Meeting	Boardroom 1
1:00 PM - 2:30 PM	SUS Presidential Session: "The Evolution of Academic Surgery: What Will the Future Hold?"	Grand Ballroom 4-5
2:30 PM - 3:00 PM	SUS Joel J. Roslyn Lecture: "Leaning In, Failing Fast: How Resilient is Academic Medicine?"	Grand Ballroom 4-5
3:00 PM - 3:30 PM	BJS Lecture: "ERAS: Should it be the Standard of Care?"	Grand Ballroom 4-5
3:30 PM - 4:00 PM	Afternoon Break in Exhibit Area	Grand Ballroom Foyer
3:30 PM - 4:00 PM	AAS Issues Committee Meeting	Boardroom 3
4:00 PM - 5:30 PM	Basic Science Plenary	Grand Ballroom 4-5
4:00 PM - 5:30 PM	Education Plenary	Grand Ballroom 6-8
5:30 PM - 6:30 PM	SUS Business Meeting	Grand Ballroom 1-3
5:30 PM - 6:30 PM	AAS Medical Student Quick Shot Session	River Terrace 2
5:30 PM - 6:30 PM	AAS Resident/Fellow Student Quick Shot Session	River Terrace 3
5:30 PM - 6:30 PM	AAS Global Affairs Committee Meeting	Boardroom 2
6:30 PM - 7:30 PM	Welcome Reception (Exhibit & Poster Opening)	Grand Ballroom Foyer

SCHEDULE-AT-A-GLANCE (continued)



WEDNESDAY, FEBRUARY 3, 2016		
Time	Event	Location
5:30 AM - 6:30 PM	Speaker Prep Open	Orlando
6:30 AM - 6:30 PM	Registration Open	Grand Ballroom Foyer
6:30 AM - 8:00 AM	Continental Breakfast	Grand Ballroom Foyer
6:30 AM - 7:30 AM	AAS Trainee/Mentor Breakfast (Invitation Only)	Grand Ballroom 1-3
6:30 AM - 7:30 AM	SUS New Member Breakfast (Invitation Only)	Grand Ballroom 6-8
7:30 AM - 8:30 AM	AAS Education Committee Meeting	Boardroom 1
7:30 AM - 9:30 AM	Integrated Oral Presentations Session I (Sessions 24 - 41)	
	24. Basic Science: Cardiovascular Biology/Physiology	City Terrace 4
	25. Basic Science: General Surgery - Disease Pathogenesis	City Terrace 5
	26. Basic Science: Oncology - Cancer Genetics	City Terrace 6
	27. Basic Science: Oncology - Growth Factors/Receptors/Signal Transduction 1	City Terrace 7
	28. Basic Science : Pediatrics/Plastics: Developmental Biology/Regenerative Medicine/Tissue Engineering/Wound Healing 1	City Terrace 8
	29. Basic Science: Pediatrics - Disease Pathogenesis	City Terrace 9
	30. Basic Science & Outcomes/Clinical: Transplantation	City Terrace 10
	31. Basic Science: Trauma/Critical Care - Ischemia/Reperfusion	City Terrace 11
	32. Outcomes/Clinical: Cross Disciplinary - Clinical Trials and Cost-Effectiveness Research	City Terrace 12
	33. Outcomes/Clinical: Cross Disciplinary - Disparities and Access to Care	River Terrace 1
	34. Outcomes/Clinical: Cross Disciplinary - Ethics/Bioethics & Health Policy	River Terrace 2
	35. Outcomes/Clinical: Oncology 1	River Terrace 3
	36. Outcomes/Clinical: General Surgery 1	Clearwater
	37. Outcomes/Clinical: General Surgery 2	St. Johns
	38. Outcomes/Clinical: Plastics	Hospitality Suite 4104
	39. Outcomes/Clinical: Trauma/Critical Care 1	Hospitality Suite 4106
	40. Outcomes/Clinical: Transplantation	Hospitality Suite 4108
	41. Outcomes/Clinical: Vascular	Conference Center A
9:30 AM - 10:00 AM	AAS Sr. Member Council Meeting	Boardroom 3
9:30 AM - 4:30 PM	Exhibit Hall Open	Grand Ballroom Foyer
9:30 AM - 10:00 AM	Morning Break in Exhibit Area	Grand Ballroom Foyer
10:00 AM - 10:30 AM	AAS Founders Lecture: "Surgical Health Services Research Grows Up: Reflections on Science, Practice and Leadership"	Grand Ballroom 4-5
10:30 AM - 11:30 AM	AAS CTC Committee Meeting	Boardroom 4
10:30 AM - 11:30 AM	AAS Presidential Address: "The Rookie Advantage"	Grand Ballroom 4-5
11:30 AM - 1:00 PM	General Conference Lunch OR	Grand Ballroom Foyer
	HOT TOPICS SESSION 2 (Lunch): "High-Risk Surgery Under Emerging Payment Mechanisms: What Do Accountable Care Organizations, Bundled Payments, and Global Budgets Imply for the Future of Surgery?" OR	Grand Ballroom 1-3
	AWS LUNCHEON: "You Are What You Wear? How to Project Your Best Self"	Grand Ballroom 6-8
1:00 PM - 2:30 PM	AAS Presidential Session: "Failing Forward: A Poor Career Decision...and How I Recovered"	Grand Ballroom 4-5
2:30 PM - 4:30 PM	Integrated Oral Presentations Session (Sessions 42-59)	
	42. Basic Science: Experimental Therapeutics	City Terrace 4
	43. Basic Science: General Surgery - Growth Factors/Receptors/Signal Transduction	City Terrace 5
	44. Basic Science: Trauma/Critical Care - Growth Factors/Receptors/Signal Transduction 2	City Terrace 6
	45. Basic Science: Pediatrics/Plastics - Developmental Biology/Regenerative Medicine/Tissue Engineering/Wound Healing 2	City Terrace 7
	46. Basic Science: Trauma/Critical Care - Growth Factors/Receptors/Signal Transduction 1	City Terrace 8
	47. Basic Science: Vascular: Endothelial Biology/Vascular Physiology	City Terrace 9
	48. Education: Cross Disciplinary - Continuing Medical Education & Simulation Based Training	City Terrace 10
	49. Education: Education: Cross Disciplinary - Resident Education	City Terrace 11
	50. Outcomes/Clinical: Cardiothoracic	City Terrace 12
	51. Outcomes/Clinical: Cross Disciplinary - Patient Safety and Quality	River Terrace 1
	52. Outcomes/Clinical: Cross Disciplinary - Patient Centered Outcomes and Health Informatics	River Terrace 2
	53. Outcomes/Clinical: Cross Disciplinary - Quality of Care	River Terrace 3
	54. Outcomes/Clinical: Global Surgery	Conference Center A
	55. Outcomes/Clinical: Oncology 2	Clearwater
	56. Outcomes/Clinical: Oncology 3	St. Johns
	57. Outcomes/Clinical: General Surgery 3	Hospitality Suite 4104
	58. Outcomes/Clinical: Pediatrics 1	Hospitality Suite 4106
	59. Outcomes/Clinical: Trauma/Critical Care 2	Hospitality Suite 4108
3:30 PM - 4:00 PM	Afternoon Break in Exhibit Area	Grand Ballroom Foyer
4:30 PM - 5:30 PM	SUS New Member Poster Session OR	Grand Ballroom Foyer
4:30 PM - 5:30 PM	Meet the AAS Leadership Reception (Invitation Only) OR	Daytona
4:30 PM - 5:30 PM	ASC Cocktail Reception in Exhibit Area	Grand Ballroom Foyer
5:30 PM - 7:00 PM	AAS Business Meeting	Grand Ballroom 1-3
7:00 PM - 12:00 AM	ASC Celebration Event	Grand Ballroom 4-5



SCHEDULE-AT-A-GLANCE (continued)

THURSDAY, FEBRUARY 4, 2016		
Time	Event	Location
5:30 AM - 3:30 PM	Speaker Prep Open	Orlando
7:00 AM - 3:30 PM	Registration Open	Grand Ballroom Foyer
6:30 AM - 7:30 AM	AAS Program Committee Meeting	Boardroom 4
6:30 AM - 8:00 AM	Continental Breakfast	Grand Ballroom Foyer
7:00 AM - 9:00 AM	SPONSORED BREAKFAST: "How to Review a Paper: Suggestions from the Editors of SURGERY and Journal of Surgical Research" OR <i>(This session is supported by a generous educational grant from Elsevier.)</i>	Grand Ballroom 1-3
7:30 AM - 9:00 AM	ETHICS COMMITTEE SESSION: "Cultural and Ethical Competencies in Global Surgery"	Grand Ballroom 6-8
9:30 AM - 1:30 PM	Exhibit Hall Open	Grand Ballroom Foyer
9:00 AM - 9:30 AM	Morning Break in Exhibit Area	Grand Ballroom Foyer
9:00 AM - 10:30 AM	AAS/SUS/SAAS Research Award Ceremony OR	Grand Ballroom 1-3
9:00 AM - 10:30 AM	ISSUES COMMITTEE SESSION: "Professional Underperformance, Impairment and Mindfulness - From Residency to Retirement"	Grand Ballroom 6-8
10:30 AM - 12:00 PM	Outcomes/Clinical Plenary Session	Grand Ballroom 6-8
12:00 PM - 1:30 PM	General Conference Lunch OR	Grand Ballroom Foyer
	EDUCATION COMMITTEE SESSION (Lunch): "Academic Success in Surgery: What Does It Really Take?" OR	Grand Ballroom 6-8
	HOT TOPICS SESSION 3 (Lunch): "The Role of Professional Coaching in Developing Emotional Intelligence and Preventing Burnout in Surgery"	Grand Ballroom 1-3
1:30 PM - 2:30 PM	Post Con ASC Core Committee Meeting	Boardroom 1
1:30 PM - 3:30 PM	Integrated Quick Shots Session II (Sessions 61-78)	
	61. Basic Science + Outcomes/Clinical: Cardiothoracic	City Terrace 4
	62. Education: Cross Disciplinary - Resident Education	City Terrace 5
	63. Outcomes/Clinical: Cross Disciplinary - Endocrine/Pediatrics	City Terrace 6
	64. Outcomes/Clinical: Cross Disciplinary - Ethics/ Bioethics, Health Policy, Cost Effectiveness and Clinical Trials	City Terrace 7
	65. Outcomes/Clinical: Cross Disciplinary - Patient Centered Outcomes and Health Informatics	City Terrace 8
	66. Outcomes/Clinical: General Surgery 4	City Terrace 9
	67. Outcomes/Clinical: General Surgery 5	City Terrace 10
	68. Outcomes/Clinical: General Surgery 6	City Terrace 11
	69. Outcomes/Clinical: General Surgery 7	City Terrace 12
	70. Outcomes/Clinical: Oncology 3	River Terrace 1
	71. Outcomes/Clinical: Oncology 4	River Terrace 2
	72. Outcomes/Clinical: Pediatrics 1	Clearwater
	73. Outcomes/Clinical: Pediatrics 2	St. Johns
	74. Outcomes/Clinical: Plastics/Wound Care	River Terrace 3
	75. Outcomes/Clinical: Trauma/Critical Care 4	Hospitality Suite 4104
	76. Outcomes/Clinical: Trauma/Critical Care 5	Hospitality Suite 4106
	77. Outcomes/Clinical: Transplantation/Oncology	Hospitality Suite 4108
	78. Outcomes/Clinical: Cross Disciplinary	Conference Center A



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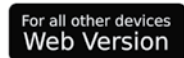
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6:30AM - 7:30AM	AAS New Member Breakfast: Invitation Only	GRAND BALLROOM 1-3
6:30AM - 8:00AM	Continental Breakfast	GRAND BALLROOM FOYER
7:00AM - 10:00AM	AAS Grant Interviews	BOARDROOMS 2 & 3
7:30AM - 9:30AM	Integrated Quick Shots Session I (Sessions 1-18)	

1. BASIC SCIENCE: GENERAL SURGERY - DISEASE PATHOGENESIS AND EXPERIMENTAL THERAPEUTICS CITY TERRACE 4

MODERATOR: Tammy T. Chang, MD, PhD

- 1.01. Mimetic sHDL Nanoparticles: a Novel Drug-Delivery Strategy to Target Triple-Negative Breast Cancer.** P. T. White¹, C. Subramanian¹, R. Kuai², J. Moon^{2,5}, B. M. Timmermann³, A. Schwendeman², M. S. Cohen^{1,4} ¹University Of Michigan, Department Of Biomedical Engineering, Ann Arbor, MI, USA ²University Of Michigan, Department Of Surgery, Ann Arbor, MI, USA ³University Of Michigan, College Of Pharmacy, Ann Arbor, MI, USA ⁴University Of Kansas, Department Of Medicinal Chemistry, Lawrence, KS, USA ⁵University Of Michigan, Department Of Pharmacology, Ann Arbor, MI, USA
- 1.02. Novel Nano-Liposomes for Multi-Modal Image-Guided Lung Cancer Surgery.** P. Patel¹, T. Kato¹, H. Ujije¹, D. Lee¹, J. Ahn¹, H. Hu¹, J. Zheng^{2,3}, K. Yasufuku^{1,2,3} ¹University of Toronto, Division Of Thoracic Surgery, Toronto, Ontario, Canada ²University Health Network, TECHNA Institute, Toronto, Ontario, Canada ³University of Toronto, Institute Of Biomaterials & Biomedical Engineering, Toronto, Ontario, Canada
- 1.03. Tumor-Targeting Nanotheranostic Micelles for Neuroendocrine Cancer Therapy.** R. Jaskula Sztul^{1,3}, G. Chen², A. Harrison¹, S. Gong², H. Chen^{1,3} ¹University Of Wisconsin, Surgery, Madison, WI, USA ²University Of Wisconsin, Wisconsin Institutes For Discovery, Madison, WI, USA ³University Of Alabama, Surgery, Birmingham, Alabama, USA
- 1.04. SDF-1 Decreases Inflammation in Diabetic Dermal Fibroblasts by Upregulating miR-146a Expression.** M. M. Hodges¹, C. Zgheib¹, J. Hu¹, J. Xu¹, K. W. Liechty¹ ¹University Of Colorado Denver, Laboratory For Fetal And Regenerative Biology, Department Of Surgery, Aurora, CO, USA
- 1.05. Mechanistic Analysis: Alcohol Induces Apoptosis and Autophagy in the Liver of Hypercholesterolemic Swine.** I. J. Lawandy¹, B. A. Potz¹, N. Y. Elmadhun¹, A. D. Lassaletta¹, J. A. Feng¹, F. W. Sellke¹ ¹Brown University, Surgery/Cardiothoracic Surgery/ Warren Alpert Medical School, Providence, RHODE ISLAND, USA
- 1.06. A Large Animal Model of Liver Injury Induced by Retrosine and Partial Hepatectomy.** K. Inomata¹, H. zYagi¹, K. Tajima¹, H. Shimoda¹, T. Hibi¹, Y. Abe¹, M. Kitago¹, M. Shinoda¹, O. Itano¹, Y. Kitagawa¹ ¹Keio University, Surgery, Shinanomachi, Shinjuku, TOKYO, Japan
- 1.07. Establishment of a Novel Murine Model of Obstructive Jaundice.** H. Aoki^{1,2}, M. Aoki^{1,2}, E. Katsuta^{1,2}, J. Yong³, X. Wang³, H. Zhou³, S. Spiegel², K. Takabe^{1,2} ¹Virginia Commonwealth University, Division Of Surgical Oncology, Department Of Surgery, Richmond, VA, USA ²Virginia Commonwealth University, Department Of Biochemistry & Molecular Biology, Richmond, VA, USA ³Virginia Commonwealth University, Department Of Microbiology And Immunology, Richmond, VA, USA
- 1.08. Potential of Liver Organoids as Implantation Therapy for Liver Insufficiency.** V. X. Zhou¹, M. Lolas¹, T. T. Chang¹ ¹University Of California - San Francisco, Surgery, San Francisco, CA, USA
- 1.09. Inhibition of ECM Protein Expression in Hepatic Stellate Cells by JHC0123, an Inhibitor of STAT3** . F. J. Bohanon¹, X. Wang¹, O. A. Nunez Lopez¹, A. Kandathiparampil¹, N. Ye¹, S. J. Vasudevan¹, H. Chen¹, J. Zhou¹, R. S. Radhakrishnan¹ ¹University Of Texas Medical Branch, Galveston, TX, USA
- 1.10. Depletion of Bacteria Protects from Chemo-Induced Enteritis Independent of Epithelial Signaling.** J. Carr¹, S. King¹, C. Dekaney¹ ¹University Of North Carolina At Chapel Hill, Chapel Hill, NC, USA
- 1.11. Ethnic differences in adipocyte exosomal function: a possible etiology for disparities in NAFLD.** A. L. Franklin¹, T. Iordanskaia¹, M. Barberio¹, D. Pillai¹, M. Hubal¹, E. P. Nadler¹ ¹Children's National Health System, General Surgery, Washington, DC, USA
- 1.12. Actinomyces is a Potential Cause of Perforated and Gangrenous Appendicitis.** R. Patel¹, S. Misra¹, S. Joseph¹ ¹Texas Tech University Health Sciences, Department Of Surgery, Odessa, TX, USA
- 1.13. Combination Cancer Treatment: Interferon-Expressing Adenovirus and 5FU Chemotherapy.** J. Sell¹, A. Oliveira¹, E. Jensen¹, E. Greeno¹, M. Yamamoto¹, J. Davydova¹ ¹University Of Minnesota, Department Of Surgery, Minneapolis, MN, USA
- 1.14. Violet 405-Nm Light: A Novel Therapeutic Agent Against Common Pathogenic Bacteria.** M. Barneck^{2,3}, M. De La Presa¹, A. Poursaid¹, M. Nourian¹, M. A. Firpo¹, J. T. Langell^{1,2} ¹University Of Utah, School Of Medicine, Department Of Surgery, Salt Lake City, UT, USA ²University Of Utah, Engineering, Salt Lake City, UT, USA ³Oregon Health And Science University, School Of Medicine, Portland, OR, USA
- 1.15. Murine Model of Liver Metastasis for Medullary Thyroid Cancer.** I. Lou¹, A. Harrison¹, A. Dammalapati¹, R. Jaskula-Sztul^{1,2}, H. Chen^{1,2} ¹University Of Wisconsin, Madison, WI, USA ²University Of Alabama, Birmingham, Alabama, USA
- 1.17. Apigenin Limits Pancreatic Injury in Recurrent Acute Pancreatitis by Inhibiting MAPK Pathway Activation.** A. A. Mrazek¹, M. Falzon², J. Zhou², M. R. Hellmich¹, C. Chao¹ ¹University Of Texas Medical Branch, Surgery, Galveston, TEXAS, USA ²University Of Texas Medical Branch, Pharmacology And Toxicology, Galveston, TEXAS, USA
- 1.18. Investigating the Development of Ulcerative Colitis-Associated Cancer through an Agent-Based Model** . M. E. Stack¹, C. Cockrell¹, G. An¹ ¹University Of Chicago, Department Of Surgery, Chicago, IL, USA
- 1.19. Resolution of Chemical Peritonitis Following Intervention with Pro-resolving Omega-3 Fatty Acids.** A. Chacon¹, B. E. Phillips¹, S. Kelleher¹, M. Chacon¹, D. Brunke-Reese¹, D. Soybel¹ ¹Penn State University College Of Medicine, Hershey, PA, USA
- 1.20. Ultrasonic, Bipolar, and Integrated Energy Devices: Comparing Heat Spread in Collateral Tissue.** M. G. White¹, M. K. Applewhite¹, B. C. James¹, H. Safiuddin¹, L. Abdulsrool¹, H. Jamil¹, E. L. Kaplan¹, P. Angelos¹, R. H. Grogan¹ ¹University Of Chicago, Endocrine Surgery Research Group, Department Of Surgery, Chicago, IL, USA

TUESDAY

WEDNESDAY

THURSDAY

7:30AM - 9:30AM

Integrated Quick Shots Session I

2. BASIC SCIENCE: ONCOLOGY - GROWTH FACTORS/RECEPTORS/SIGNAL TRANSDUCTION

CITY TERRACE 5

MODERATORS: Jason David Prescott, MD, PhD & Bhuvanesh Singh, MD, PhD

2.01. PV-10 Induces Potent Immunogenic Apoptosis in Colon Cancer Cells. N. M. Kunda¹, J. Qin¹, G. Qiao¹, B. Prabhakar², A. V. Maker^{1,2} ¹University Of Illinois At Chicago, Division Of Surgical Oncology, Department Of Surgery, College Of Medicine, Chicago, IL, USA ²University Of Illinois At Chicago, Department Of Microbiology & Immunology, College Of Medicine, Chicago, IL, USA

2.02. The Role of Intestinal Alkaline Phosphatase in Inflammatory Bowel Disease. S. A. Morrison¹, S. Hamarneh¹, H. Sturgeon¹, D. Hu¹, H. Huo¹, W. Zhang¹, K. Economopoulos¹, S. Gul¹, F. Adilighadam¹, J. Ramirez Decrescenzo¹, R. Hodin¹ ¹Massachusetts General Hospital, Surgery, Boston, MA, USA

2.03. Interleukin-17 Stimulation Induces Stem Cell Marker Expression in Colon Organoids. G. Karagkounis^{1,2}, J. Zhao³, X. Li³, M. F. Kalady^{1,2} ¹Cleveland Clinic, Stem Cell Biology And Regenerative Medicine, Cleveland, OH, USA ²Cleveland Clinic, Colorectal Surgery, Cleveland, OH, USA ³Cleveland Clinic, Immunology, Cleveland, OH, USA

2.04. Comparison of Baicalein with Metformin on mTOR Pathway Inhibition in Triple-Negative Breast Cancer. A. H. Choi¹, Q. Xing¹, J. Yan¹, W. Wen¹, E. S. Han², J. H. Yim¹ ¹City Of Hope National Medical Center, Division Of Surgical Oncology, Duarte, CA, USA ²City Of Hope National Medical Center, Division Of Gynecologic Oncology, Duarte, CA, USA

2.05. Mapping of Notch1 Promoter by HDAC Inhibitors Treatment and the Gene Activation in NE Cancers. H. Jin^{1,2}, M. Roy¹, A. Dammalapati¹, A. Harris¹, A. Ma¹, R. Jaskula-Sztul^{1,2}, H. Chen^{1,2} ¹University Of Alabama, Surgery, Birmingham, AL, USA ²University Of Alabama, Surgery, Birmingham, Alabama, USA ³University Of Wisconsin, Surgery, Madison, WI, USA

2.07. Role of Sphingosine-1-phosphate of the Host in Progression of Pancreatic Cancer Carcinomatosis . H. Aoki^{1,2}, M. Aoki^{1,2}, P. Mukhopadhyay^{1,2}, C. C. Barnett³, S. Spiegel^{1,2}, K. Takabe^{1,2} ¹Virginia Commonwealth University, Division Of Surgical Oncology, Department Of Surgery, Richmond, VA, USA ²Virginia Commonwealth University, Department Of Biochemistry & Molecular Biology, Richmond, VA, USA ³University Of Colorado Denver, Department Of Surgery, Aurora, CO, USA

2.08. Obstructive Jaundice Aggravate Pancreatic Cancer via Sphingosine 1 Phosphate Receptors.. H. Aoki^{1,2}, M. Aoki^{1,2}, E. Katsuta^{1,2}, L. J. Fernandez¹, P. Mukhopadhyay^{1,2}, J. Yang³, H. Zhou³, S. Spiegel², K. Takabe^{1,2} ¹Virginia Commonwealth University, Division Of Surgical Oncology, Department Of Surgery, Richmond, VA, USA ²Virginia Commonwealth University, Department Of Biochemistry & Molecular Biology, Richmond, VA, USA ³Virginia Commonwealth University, Department Of Microbiology And Immunology, Richmond, VA, USA

2.09. Xanthohumol Reduces Notch 1 and Inhibits Proliferation in Cholangiocarcinoma. D. Walden¹, K. Sokolowski¹, S. Kunnimalaiyaan¹, C. Gamblin¹, M. Kunnimalaiyaan¹ ¹Medical College Of Wisconsin, Department Of Surgical Oncology, Milwaukee, WI, USA

2.10. Minnelide Inhibits Cancer Cell-Stellate Cell Cross Talk and Reduces Pancreatic Cancer Growth. S. Modi¹, X. Zhao¹, A. Nomura¹, V. Dudeja¹, S. Banerjee¹, A. K. Saluja¹ ¹University Of Minnesota, Surgery, Minneapolis, MN, USA

2.11. Triptolide Inhibits Gallbladder Cancer Growth by Inducing Cell Cycle Arrest via SP1 Inhibition. K. Majumder¹, B. Giri¹, N. Arora¹, S. Modi¹, V. Dudeja¹, A. Saluja¹, S. Banerjee¹ ¹University Of Minnesota, Surgery, Minneapolis, MN, USA

2.12. Notch-2 and -4 May Mediate Vemurafenib Drug Resistance in Melanoma. J. Sheldon¹, G. Khaushik¹, P. Dandawante¹, S. Anant¹, J. M. Mammen¹ ¹University Of Kansas, Surgery, Kansas City, KS, USA

2.13. Platinum Agents, Triplatin and TriplatinNC, Suppress 4T1 Murine Breast Cancer Lung Metastasis. S. C. DeMasi¹, S. J. Katner², E. Katsuta¹, H. Aoki¹, E. J. Peterson², N. P. Farrell², K. Takabe¹ ¹Virginia Commonwealth University School Of Medicine And Massey Cancer Center, Division Of Surgical Oncology, Department Of Surgery, Richmond, VA, USA ²Virginia Commonwealth University And Massey Cancer Center, Chemistry Department, Richmond, VA, USA

2.14. Serum Sphingosine-1-phosphate is Elevated in Breast Cancer Patients with Lymph Node Metastasis. J. Tsuchida¹, M. Nagahashi¹, K. Moro¹, T. Niwano¹, K. Tatsuda¹, C. Toshikawa¹, M. Hasegawa¹, Y. Koyama¹, T. Kobayashi¹, S. Kosugi³, H. Kameyama¹, H. Aoki², K. Takabe², T. Wakai¹ ¹Niigata University Graduate School Of Medical And Dental Sciences, Division Of Digestive And General Surgery, Niigata, NIIGATA, Japan ²Virginia Commonwealth University School Of Medicine And The Massey Cancer Center, Division Of Surgical Oncology, Niigata, NIIGATA, Japan ³Uonuma Kikan Hospital, General Surgery, Minami Uonuma, NIIGATA, Japan

2.15. The Autophagic Response in a Mouse Model of HPV-associated Anal Carcinogenesis.. E. Carchman¹, K. Matkowskyj², P. Lambert³ ¹University Of Wisconsin, General Surgery, Madison, WI, USA ²University Of Wisconsin, Pathology, Madison, WI, USA ³University Of Wisconsin, Oncology, Madison, WI, USA

2.16. Sphere Formation by Neuroblastoma Stem-like Cells is Blocked by 13-cis-Retinoic Acid. B. T. Craig¹, E. J. Rellinger¹, A. L. Alvarez¹, J. Qiao¹, D. H. Chung¹ ¹Vanderbilt University Medical Center, Pediatric Surgery, Nashville, TN, USA

2.17. Lung-Selective Delivery of PAN-PI3K Inhibitor-Loaded Nanoparticles as Treatment for CRC Metastasis . P. Rychahou^{1,2}, Y. Bae^{1,4}, Y. Zaytseva¹, E. Y. Lee^{1,3}, H. L. Weiss¹, B. M. Evers^{1,2} ¹University Of Kentucky, Markey Cancer Center, Lexington, KY, USA ²University Of Kentucky, Department Of Surgery, Lexington, KY, USA ³University Of Kentucky, Department Of Pathology And Laboratory Medicine, Lexington, KY, USA ⁴University Of Kentucky, Department Of Pharmaceutical Sciences, Lexington, KY, USA

2.18. Novel Small Molecule ML327 Sensitizes Colon Cancer Cells to the TRAIL Ligand. C. Padmanabhan¹, C. W. Lindsley^{5,6}, A. G. Waterson^{5,6}, R. D. Beauchamp^{1,2,3,4} ¹Vanderbilt University Medical Center, Surgery, Nashville, TN, USA ²Vanderbilt University Medical Center, Cell And Developmental Biology, Nashville, TN, USA ³Vanderbilt University Medical Center, Cancer Biology, Nashville, TN, USA ⁴Vanderbilt University Medical Center, Ingram Cancer Center, Nashville, TN, USA ⁵Vanderbilt University Medical Center, Chemistry, Nashville, TN, USA ⁶Vanderbilt University Medical Center, Pharmacology, Nashville, TN, USA

2.19. Hypoxia Inducible Factor-1 Modulates Pro-Tumorigenic Macrophage Activation Induced by Cancer Cells. J. Yi¹, E. E. Moore^{1,2}, R. D. Schlick¹, B. Edil¹, K. C. El Kasmi¹, C. C. Barnett^{1,2} ¹University Of Colorado Denver, Aurora, CO, USA ²Denver Health Medical Center, Aurora, CO, USA

2.20. RON Kinase Isoforms Demonstrate Variable Cell Motility in Normal Cells. A. Greenbaum¹, G. Wan¹, A. Rajput¹ ¹University Of New Mexico, Department Of Surgery, Albuquerque, NEW MEXICO, USA

2.21. Can Cancer Cell Lines Clarify Molecular Mechanisms of Hereditary Non-Polyposis Colorectal Cancer?. H. L. Roberts¹, M. McClain¹, J. Rice¹, J. Carter¹, J. Burton¹, S. Galandiuk¹ ¹University Of Louisville School Of Medicine, Department Of Surgery, Division Of Colorectal Surgery, Louisville, KY, USA

TUESDAY

WEDNESDAY

THURSDAY

MODERATORS: Dan J. Ostlie, MD & Ken W. Liechty, MD

- 3.02. FX11 Inhibits Aerobic Glycolysis and Promotes Apoptosis in MYCN-amplified Neuroblastomas.** E. J. Rellinger¹, B. T. Craig¹, J. Qiao¹, K. Kim¹, D. H. Chung¹ ¹Vanderbilt University Medical Center, Pediatric Surgery, Nashville, TN, USA
- 3.03. Spingolipid Signaling in Enteric Glia: Implications for Intestinal Disorders of Inflammation.** B. D. Bauman¹, J. Meng¹, S. Banerjee¹, S. Roy¹, W. Kennedy³, B. J. Segura^{1,2} ²University of Minnesota, Pediatric Surgery, Minneapolis, MINNESOTA, USA ³University Of Minnesota, Neurology, Minneapolis, MINNESOTA, USA ¹University Of Minnesota, General Surgery, Minneapolis, MINNESOTA, USA
- 3.04. The Feasibility of Spring Mediated Extra-Peritoneal Intestinal Lengthening.** A. Scott¹, J. D. Rouch¹, N. Huynh¹, E. Chiang¹, S. L. Lee¹, B. M. Wu², J. C. Dunn^{1,2}, S. Shekherdimian¹ ¹University Of California - Los Angeles, Department Of Surgery, Division Of Pediatric Surgery, Los Angeles, CA, USA ²University Of California - Los Angeles, Department Of Bioengineering, Los Angeles, CA, USA
- 3.05. Escherichia coli 07:K1 CE10 Colonizes Neonatal Rats and Protects from Necrotizing Enterocolitis.** J. D. Bowling¹, J. Lim¹, J. Golden¹, A. Dossa¹, B. Bell¹, L. Chase¹, J. Wang¹, A. Grishin¹, H. R. Ford¹ ¹Children's Hospital Los Angeles, Pediatric Surgery, Los Angeles, CA, USA
- 3.06. An Alternative DNA Repair Pathway Enhances Neuroblastoma Chemoresistance in Hypoxic Microenvironments.** L. Gaston¹, E. Corwin¹, D. Bashllari¹, B. Cummings¹, A. Shiang¹, X. Topalli¹, V. Castle¹, E. Newman¹ ¹University Of Michigan, Pediatrics, Obstetrics And Gynecology, And Pediatric Surgery, Ann Arbor, MI, USA
- 3.07. The Artificial Placenta Promotes Type 2 Pneumocyte Maturation in Fetal Lambs.** M. A. Coughlin¹, N. L. Werner¹, K. Marchetti¹, L. Pierce¹, T. Major¹, G. B. Mychaliska¹ ¹University Of Michigan, ECLS Laboratory, Ann Arbor, MI, USA
- 3.08. Silencing of Intersectin 1 Decreases Neuroblastoma Tumor Growth in an Orthotopic Mouse Model.** J. C. Harris¹, A. Russo³, E. Herrero³, J. P. O'Bryan³, B. Chiu² ¹Rush University Medical Center, Surgery, Chicago, IL, USA ²University Of Illinois At Chicago, Pediatric Surgery, Chicago, IL, USA ³University Of Illinois At Chicago, Pharmacology, Chicago, IL, USA
- 3.09. IGF-1 intraplacental gene transfer restores serum bioavailability of IGF-1 in growth restricted mice.** S. M. Deeney¹, K. N. Powers¹, B. Dodson¹, K. W. Liechty¹, A. Marwan¹, T. M. Crombleholme¹ ¹Laboratory For Fetal And Regenerative Biology, Department Of Medicine, School Of Medicine, University Of Colorado Denver - Anschutz Medical Campus; Division Of Pediatric General Thoracic And Fetal Surgery, Colorado Children's Hospital, Aurora, CO, USA
- 3.10. Ileal CCL3 and IL-12 Expression in Inflammatory Events Associated with Necrotizing Enterocolitis.** K. Connolly¹, P. J. Matheson², J. A. Shepherd², J. W. Smith², R. N. Garrison², C. D. Downard² ¹University Of Louisville, School Of Medicine, Louisville, KY, USA ²University Of Louisville, Department Of Surgery, Louisville, KY, USA
- 3.11. Chronic Hypoxia Promotes Hypoxia-Inducible Factor-Independent Growth Response in Neuroblastoma.** A. L. Alvarez¹, B. T. Craig¹, E. J. Rellinger¹, J. Qiao¹, D. H. Chung¹ ¹Vanderbilt University Medical Center, Pediatric Surgery, Nashville, TN, USA
- 3.12. An Innovative Bioengineering Alternative To Open Fetal Repair Of Spina Bifida Defects.** R. Marwan¹, S. Williams¹, J. Bardill², D. Park², N. Abd Aziz¹, R. Marwan¹ ¹University Of Colorado Denver, Pediatric Surgery, Aurora, CO, USA ²University Of Colorado Denver, Bioengineering, Aurora, CO, USA
- 3.13. Effects of an Artificial Placenta on Development and Brain Injury in Premature Lambs.** N. L. Werner¹, M. Coughlin¹, C. J. Perez-Torres¹, H. Parmar³, R. Shellhaas², J. Barks⁶, J. R. Garbow³, G. B. Mychaliska¹ ¹University Of Michigan, Pediatric Surgery, Ann Arbor, MI, USA ²University Of Michigan, Pediatric Neurology, Ann Arbor, MI, USA ³Washington University, Radiology, St. Louis, MO, USA ⁴Purdue University, Radiological Health Sciences, West Lafayette, IN, USA ⁵University Of Michigan, Radiology, Division Of Neuroradiology, Ann Arbor, MI, USA ⁶University Of Michigan, Pediatric Neonatology, Ann Arbor, MI, USA
- 3.14. Genetic Pathway Analysis of Infants with Necrotizing Enterocolitis.** C. C. Culbreath¹, B. Halloran², D. K. Crossman³, N. Ambalavanan², T. Jilling², C. A. Martin¹ ¹University Of Alabama At Birmingham, Pediatric Surgery/Surgery, Birmingham, Alabama, USA ²University Of Alabama At Birmingham, Neonatology/Pediatrics, Birmingham, Alabama, USA ³University Of Alabama At Birmingham, Bioinformatics/Genomic Science, Birmingham, Alabama, USA
- 3.15. EGFR Signaling modulates HIF1 expression in intestinal epithelial and endothelial cells..** B. Aladegbami¹, J. Guo¹, B. W. Warner¹ ¹Washington University, Pediatric Surgery, St. Louis, MO, USA
- 3.16. Developmental Expression of Intestinal Alkaline Phosphatase Activity in Premature Infants .** S. M. Koehler¹, K. Fredrich¹, M. Christensen¹, T. Nghiem-Rao², D. Gourlay¹ ²Children's Hospital Of Wisconsin, Neonatology, Milwaukee, WI, USA ¹Children's Hospital Of Wisconsin, Pediatric Surgery, Milwaukee, WI, USA
- 3.17. Identification of Lactobacillus Strains in the Early Post-natal Rat Microbiota.** M. Isani¹, A. Grishin¹, H. Ford¹ ¹Children's Hospital Los Angeles, Los Angeles, CA, USA
- 3.18. Alteration in VEGFR-2 Expression Contributes to Pathophysiology of Necrotizing Enterocolitis (NEC) .** J. A. Shepherd¹, P. J. Matheson¹, J. W. Smith¹, R. N. Garrison¹, C. D. Downard¹ ¹University Of Louisville, Department Of Surgery, Louisville, KY, USA
- 3.19. The Microbiome of a Hartmann's Pouch vs Mucous Fistula is Not Influenced by Exposure to Luminal Flow. A.** Trecartin¹, J. Debelius², M. Wieck¹, R. Spurrier³, R. Knight², T. Grik-scheit¹ ¹Children's Hospital Los Angeles, Pediatric Surgery, Los Angeles, CA, USA ²University Of California - San Diego, Pediatrics And Computer Science & Engineering, San Diego, CA, USA ³Cedars-Sinai Medical Center, Surgery, Los Angeles, CA, USA
- 3.20. ASCL1 Knockdown Suppresses Neuroblastoma Growth through Induction of Apoptosis.** S. S. Erickson¹, M. Balamurugan¹, S. Kunnimalaiyaan¹, T. C. Gambliin¹, M. Kunnimalaiyaan¹ ¹Medical College Of Wisconsin, Surgical Oncology, Milwaukee, WI, USA
- 3.21. PIM Kinase Inhibition Decreases Tumorigenicity of Neuroblastoma Cells.** L. L. Stafman¹, A. M. Waters¹, E. F. Garner¹, J. E. Stewart¹, E. A. Beierle¹ ¹University Of Alabama, Birmingham, AL, USA

TUESDAY

WEDNESDAY

THURSDAY

7:30AM - 9:30AM

Integrated Quick Shots Session I

4. BASIC SCIENCE: GENERAL SURGERY - GROWTH FACTORS/RECEPTORS/SIGNAL TRANSDUCTION

CITY TERRACE 7

MODERATORS: Brad W. Warner, MD & Ajay V. Maker, MD

4.01. The Use of FITC-Inulin as a Marker for Intestinal Ischemic Injury. A.O. Alkukhun¹, A. Muñoz Abraham¹, S. Judeeba¹, C. Jasinski¹, R. Patron-Lozano¹, M.I. Rodriguez-Davalos¹, J.P. Geibel¹ ¹Yale University, Department of Surgery, New Haven, CT, USA

4.02. A Pilot Study On The Use of Mass Cytometry to Phenotype the Cellular Response to Trauma. G. Brat³, B. Yorkgitis³, A. Seshadri³, J. Keegan³, J. Dolan³, C. Hauser², A. Salim³, R. Askari³, J. Lederer³ ²Beth Israel Deaconess Medical Center, Trauma Surgery, Boston, MA, USA ³Brigham And Women's Hospital, Department Of Surgery, Boston, MA, USA

4.03. Effect of Factor XIII in an ex vivo assay of hemostatic bandage adhesion. D. J. Zhou^{1,2}, R. Spretz^{1,3}, G. Larsen^{3,4}, W. H. Velander¹, M. A. Carlson^{1,2} ¹University Of Nebraska Medical Center, Department Of Surgery, Omaha, NE, USA ²VA Nebraska-Western Iowa Healthcare System, Omaha, NE, USA ³LNK Chemsolutions, LLC, Lincoln, NE, USA ⁴University Of Nebraska-Lincoln, Department Of Chemical & Biomolecular Engineering, Lincoln, NE, USA

4.04. Thrombin Stimulated Endothelium Downregulates Fibrinolysis Through Prestored PAI-1 Release. B. R. Huebner^{1,3}, C. C. Silliman^{1,2,4}, E. Gonzalez^{1,3}, S. Mitra¹, A. Banerjee², E. E. Moore^{1,3} ¹University Of Colorado Denver, Department Of Surgery, Aurora, CO, USA ²University Of Colorado Denver, Department Of Pediatrics, Aurora, CO, USA ³Denver Health Medical Center, Aurora, CO, USA ⁴Bonfils Blood Center, Denver, CO, USA

4.05. Post-Shock Accumulation Of Succinate Accelerates Fibrinolysis Via Platelet-Dependent Mechanism. A. L. Slaughter², H. B. Moore², A. Bacon², N. Butler¹, A. Banerjee², C. Silliman^{2,3}, A. D'Alessandro², E. Peltz², E. Moore^{1,2} ¹Denver Health Medical Center, Aurora, CO, USA ²University Of Colorado Denver, Aurora, CO, USA ³Children's Hospital Colorado, Aurora, CO, USA

4.06. Examining Virulence Activation of Acinetobacter in Soft Tissue Injuries with an Agent Based Model. A. J. Benjamin¹, G. An¹ ¹University Of Chicago, Surgery, Chicago, IL, USA

4.08. Evaluation of apoptosis in carcinoid cells via concomitant treatment of siRNA and Thailandepsin-A. S. Odorico¹, R. Jaskula-Sztul^{1,2}, A. Harrison¹, S. Clarkson¹, S. Golden¹, H. Jin^{1,2}, H. Chen^{1,2} ¹University of Wisconsin, Department of Surgery, Madison, WI, USA ²University of Alabama, Surgery, Birmingham, Alabama, USA

4.09. Molecular Mechanisms of the Inflammatory Response in Differently Aged Fibroblasts. T. S. Lefcourt¹, C. Zgheib¹, J. Hu¹, J. Deacon¹, J. Zuk¹, J. Xu¹, K. W. Liechty¹ ¹Laboratory For Fetal And Regenerative Biology, Department Of Surgery, School Of Medicine, University Of Colorado Denver Anschutz Medical Campus And Childrens Hospital Colorado, Surgery, Aurora, CO, USA

4.10. A Role For RGS5 In MYCN Amplified Neuroblastoma. M. J. Metzner¹, J. Mazar², A. Rosado¹, T. J. Westmoreland¹ ¹Nemour's Children's Hospital; University Of Central Florida, Pediatric General Surgery, Orlando, FL, USA ²Sanford Burnham Presbys Medical Discovery Institute, Orlando, FL, USA

4.11. Continuous Cold Perfusion vs. Static Cold Preservation for Intestinal Graft Preservation in Rats.. A. Munoz-Abraham², A. Alkukhun², S. Judeeba², R. Patron-lozano², T. Alfadda², A. Bertacco^{1,2}, M. I. Rodriguez-Davalos^{1,2}, J. P. Geibel² ¹Yale University School of Medicine, Transplantation/ Surgery, New Haven, CT, USA ²Yale University School of Medicine, Surgery, New Haven, CT, USA

4.12. Normothermic Perfusion Using UW compared to HTK Solution on a Rat Intestinal Model . A. Bertacco¹, A. Alkukhun¹, R. Agarwal¹, C. P. LeBlanc¹, A. Munoz-Abraham¹, F. D'Amico¹, M. Rodriguez-Davalos¹, J. Geibel¹ ¹Yale School of Medicine, Surgery/ Transplantation, New Haven, CT, USA

4.13. IL-1 Induces Endothelial Hyperpermeability via Activation of p38 MAPK and JNK and Production of MMP-9. Z. Wang¹, L. Kong¹, J. Kang¹, D. K. Nakayama², P. S. Dale¹, D. W. Ashley¹ ¹The Medical Center Navicent Health, Mercer University School Of Medicine, Division Of Trauma, Division Of Basic Sciences, Division Of Surgical Oncology, Department Of Surgery, Macon, GA, USA ²West Virginia University School Of Medicine, Department Of Surgery, Morgantown, WV, USA

4.14. Monocyte Differentiation Alters CHRFAM7A: Implications for a Human-Specific Inflammatory Response. S. M. Langness¹, B. Eliceiri¹, R. Coimbra¹, A. Baird¹, T. W. Costantini¹ ¹University Of California - San Diego, Trauma, Surgical Critical Care, Burns And Acute Care Surgery, San Diego, CA, USA

4.15. Effect of Swine Leukocyte Antigen Class II on Human PBMCs in a Mixed Cell Reaction. J. M. Ladowski¹, J. Tchervenkov³, J. Butler¹, G. Martens¹, M. Tector¹, J. Blum², J. Tector¹ ¹Indiana University School Of Medicine, Transplant Surgery, Indianapolis, IN, USA ²Indiana University School Of Medicine, Microbiology/Immunology, Indianapolis, IN, USA ³Royal College Of Surgeons, Dublin, DUBLIN COUNTY, Ireland

4.16. Histone Deacetylase-2 Gene Deletion In Mice Extends Tolerance of Renal Ischemia/Reperfusion Injury. D. Murken¹, D. Aufhauser¹, Z. Wang¹, G. Ge¹, T. Bhatti³, W. Hancock³, M. Levine^{1,2} ¹University Of Pennsylvania, Department Of Surgery, Philadelphia, PA, USA ²Children's Hospital Of Philadelphia, Department Of Surgery, Philadelphia, PA, USA ³Children's Hospital Of Philadelphia, Department Of Pathology And Laboratory Medicine, Philadelphia, PA, USA

4.17. MicroRNA dysregulation associated with function of the impaired monocyte. N. J. Galbraith¹, S. Walker¹, M. Cahill¹, S. Gardner¹, H. C. Polk¹ ¹Price Institute Of Surgical Research, Department Of Surgery, Louisville, KY, USA

4.18. Hm-Chitosan Gauze: A New And Effective Topical Hemostat. A. Chaturvedi², M. B. Dowling⁴, J. P. Gustin³, T. M. Scalea², S. R. Raghavan³, M. Narayan² ²University Of Maryland, R Adams Cowley Shock Trauma Center, Baltimore, MD, USA ³University Of Maryland, Department Of Chemical & Biomolecular Engineering, College Park, MD, USA ⁴University Of Maryland, Fischell Department Of Bioengineering, College Park, MD, USA

4.19. DPR Increased sICAM-1 But Not Lung Integrin- α L or Integrin- α M in Resuscitated Hemorrhagic Shock. S. C. Jones¹, P. J. Matheson^{1,2}, C. D. Downard^{1,2}, J. C. Fridodig¹, C. J. McClain^{1,2}, R. N. Garrison^{1,2}, J. W. Smith^{1,2} ¹University Of Louisville, Department Of Surgery, Louisville, KENTUCKY, USA ²Robley Rex VAMC, Department Of Surgery, Louisville, KENTUCKY, USA

4.21. Targeting HDM-2 Over-Expression in Multi-Drug Resistant Ovarian Cancer. E. Gleeson¹, H. Glatthorn¹, D. Zimmerman¹, C. Carballo¹, S. Mahmood⁴, P. Love¹, M. F. Shaikh¹, W. F. Morano¹, S. D. Richard², M. R. Pincus³, W. B. Bowne¹ ¹Drexel University College Of Medicine, Surgery, Philadelphia, Pa, USA ²Drexel University College Of Medicine, Gynecologic Oncology, Philadelphia, Pa, USA ³New York Harbor Healthcare System VAMC, Pathology, New York, NY, USA ⁴University Of Pittsburg, Pittsburgh, PA, USA

TUESDAY

WEDNESDAY

THURSDAY

MODERATOR: Steven J. Yule, MD, PhD

- 5.01. Use of SIM to Evaluate Resident Performance During Complex Scenarios in Urinary Catheter Insertion.** J. N. Nathwani¹, K. E. Law², R. D. Ray¹, B. R. O'Connell Long¹, R. M. Fiers¹, A. D. D'Angelo¹, C. M. Pugh¹ ¹University of Wisconsin, General Surgery, Madison, WI, USA ²University of Wisconsin, Industrial And Systems Engineering, Madison, WI, USA
- 5.02. Are Animal Models Useful For Training a Preclinical Medical Student?.** S. C. DeMasi¹, E. Katsuta¹, K. Takabe¹ ¹Virginia Commonwealth University School of Medicine And Massey Cancer Center, Division Of Surgical Oncology, Department of Surgery, Richmond, VA, USA
- 5.03. Enhanced Interprofessional Communication and Teamwork in Surgery Using Simulated Clinical Scenarios.** S. Joseph¹, D. Goodwin³, E. Gully³, I. Okwuwa², S. Cannon³, S. Joseph¹ ¹Texas Tech University Health Sciences, Department of Surgery, Odessa, TX, USA ²Texas Tech University Health Sciences, Department of Family Medicine, Odessa, TX, USA ³Texas Tech University Health Sciences, Department Of Nursing, Odessa, TX, USA
- 5.04. Long-term Evaluation of Palliative Care Training for Medical Students and Retention of Skills .** P. P. Parikh¹, M. T. White¹, K. Tchorz¹, L. Smith¹, P. P. Parikh¹ ¹Wright State University, Surgery, Dayton, OH, USA
- 5.05. Results of a Mandatory Department of Surgery Faculty Mentoring Pilot Program.** R. Phitayakorn¹, R. Hodin¹ ¹Massachusetts General Hospital, General And GI Surgery, Boston, MA, USA
- 5.06. Women in Breast Surgery - Does a Shared Anatomy Equate to a Shared Interest?.** S. P. Beierle¹, J. Lewis¹, R. E. Heidel¹, E. Stewart¹, J. McLoughlin¹ ¹University Of Tennessee, Graduate School Of Medicine, Knoxville, TN, USA
- 5.07. Strong support for use of context-specific Non-Technical Skills for Surgeons (NOTSS) tool in Rwanda.** J. W. Scott^{1,4}, G. Ntakiyiruta³, Z. Mutabazi³, D. S. Smink^{1,2}, R. Riviello^{1,4}, S. Yule^{1,2} ¹Brigham And Women's Hospital, Center For Surgery And Public Health, Boston, MA, USA ²Brigham And Women's Hospital, STRATUS Center For Medical Simulation, Boston, MA, USA ³Kigali University Teaching Hospital, Academic Department Of Surgery, University Of Rwanda, Kigali, Rwanda ⁴Harvard Medical School, Program For Global Surgery & Social Change, Boston, MA, USA
- 5.08. A Perioperative Care Map Improves Compliance with Best Practices for Morbidly Obese Patients.** I. Solsky², A. Edelstein¹, P. Shamamian², M. Brodman¹, R. Kaleya⁴, M. Rosenblatt¹, C. Santana², D. L. Feldman³, P. Kischak³, D. Somerville³, S. Mudiraj³, I. Leitman¹ ¹Mount Sinai School Of Medicine, Surgery, New York, NY, USA ²Albert Einstein College Of Medicine, Surgery, Bronx, NY, USA ³Hospitals Insurance Company, New York, NY, USA ⁴Maimonides Medical Center, Brooklyn, NY, USA
- 5.09. The Use of Social Media in Surgical Education: An Analysis of Twitter .** B. J. Smart¹, N. Nagarajan², J. K. Canner², M. Dredze³, E. B. Schneider², M. Luu¹, Z. Berger^{4,5,6}, J. A. Myers¹ ¹Rush University Medical Center, Department Of Surgery, Chicago, IL, USA ²Johns Hopkins University School Of Medicine, Department of Surgery, Baltimore, MD, USA ³Johns Hopkins University School of Medicine, Department of Computer Science, Baltimore, MD, USA ⁴Johns Hopkins University School of Medicine, Division of General Internal Medicine, Baltimore, MD, USA ⁵Johns Hopkins University School of Medicine, Berman Institute of Bioethics, Baltimore, MD, USA ⁶Johns Hopkins University School of Medicine, Department of Health, Behavior And Society, Johns Hopkins School of Public Health, Baltimore, MD, USA
- 5.10. Examining the Effectiveness of a Novel Mental Skills Curriculum to Reduce Surgical Novices' Stress.** D. Stefanidis^{1,2}, N. E. Anton¹, L. D. Howley¹, M. Pimentel¹, C. K. Davis¹, C. Brown³ ¹Carolinas HealthCare System, Carolinas Simulation Center, Charlotte, NC, USA ²Carolinas HealthCare System, Department of Surgery, Charlotte, NC, USA ³Head In The Game Inc, Charlotte, NC, USA

- 5.11. Evaluation Of Surgical Residents' Perception of Personal Clinical Outcomes.** W. E. Raible¹, G. Luettters¹, A. Bhakta¹, T. D. Beyer¹, S. C. Stain¹ ¹Albany Medical College, Department Of Surgery, Albany, NY, USA
- 5.12. Standardized Patient Care Protocols Adversely Affect Residents' & Fellows' Critical Thinking Skills.** R. Bollig¹, M. Knight^{2,4}, E. Heidel¹, P. Miller³, P. Terry², M. Goldman¹, B. J. Daley¹ ¹King University, Department Of Behavioral And Health Sciences, Knoxville, TN, USA ¹University Of Tennessee Medical Center, Knoxville, Trauma & Critical Care Surgery/General Surgery/Graduate School Of Medicine, Knoxville, TN, USA ²University Of Tennessee, Department Of Public Health, Knoxville, TN, USA ³Wake Forest Baptist Health, General Surgery, Winston Salem, NC, USA
- 5.13. Introduction to Lap/Endoscopic Skills During Orientation Boosts Intern Confidence and Preparedness.** O. Kantor¹, D. S. Loeffl¹, K. K. Roggin¹, N. Schindler², M. B. Ujiki² ¹University Of Chicago, Department Of Surgery, Chicago, IL, USA ²Northshore University Health System, Department Of Surgery, Evanston, IL, USA
- 5.14. Factors and Methods to Improve the Success Rate of Intravenous Catheterization by Medical Students. .** I. Woelfel³, K. Takabe^{1,2,4} ¹Virginia Commonwealth University, Department Of Surgery, Richmond, VA, USA ²Virginia Commonwealth University, Division Of Surgical Oncology, Richmond, VA, USA ³Virginia Commonwealth University, Richmond, VA, USA ⁴Massey Cancer Center, Richmond, VA, USA
- 5.15. Communication Between Surgery Residents and Nurses on the Inpatient Wards: Why Time and Space Matter.** O. Fernando², N. G. Coburn^{1,2,5}, A. B. Nathens^{1,2,3,5}, J. Hallett^{1,2,5}, N. Ahmed^{1,6}, L. Gotlib Conn^{2,4} ¹University of Toronto, Department of Surgery, Toronto, ONTARIO, Canada ²Sunnybrook Research Institute, Toronto, ONTARIO, Canada ³University of Toronto, Institute of Health Policy, Management And Evaluation, Toronto, ONTARIO, Canada ⁴University of Toronto, Department of Anthropology, Toronto, Ontario, Canada ⁵Sunnybrook Health Sciences Centre, Surgery, Toronto, ONTARIO, Canada ⁶St. Michael's Hospital, Surgery, Toronto, ONTARIO, Canada
- 5.16. Establishing The Role Of General Surgery Chief Resident Of Quality Improvement And Patient Safety.** M. W. LaPorta¹, S. L. Bachman¹, P. Graling¹, J. Donovan¹, H. A. Prentice¹, J. M. Dort¹, J. J. Moynihan¹, H. D. Reines¹ ¹Inova Fairfax Hospital, Department of Surgery, Falls Church, VA, USA
- 5.17. Re-Emergence and the Online Social Media Behaviours and Perceptions of Residency Applicants.** J. Dengler¹, R. Austin¹, K. Devon^{2,4}, J. Fish^{1,3} ¹University of Toronto, Division Of Plastic & Reconstructive Surgery, Toronto, Ontario, Canada ²University of Toronto, Division Of General Surgery, Toronto, Ontario, Canada ³Hospital For Sick Children, Plastic & Reconstructive Surgery, Toronto, Ontario, Canada ⁴Women's College Hospital, General Surgery, Toronto, Ontario, Canada
- 5.18. Medical School Surgical Boot Camps: The Need For Objective Outcomes.** C. J. Neylan¹, K. R. Dumon¹, I. W. Folkert¹, D. T. Dempsey¹, J. B. Morris¹, N. N. Williams¹, S. R. Allen¹ ¹University Of Pennsylvania, Department Of Surgery, Philadelphia, PA, USA
- 5.19. Differences in Perceived Value of a Balance in Life Program for Residents by Gender and PGY-Level.** C. A. Liebert¹, A. Salles^{1,2}, M. Esquivel¹, R. S. Greco¹, C. Mueller¹ ¹Stanford University, Surgery, Palo Alto, CA, USA ²Washington University, Surgery, St. Louis, MO, USA
- 5.20. Evaluation of Entrustment in Interactions Within the Operating Room.** G. Sandhu^{1,2}, C. P. Magas¹, A. B. Robinson¹, R. M. Minter^{1,2} ¹University Of Michigan, Department Of Surgery, Ann Arbor, MI, USA ²University Of Michigan, Department Of Learning Health Sciences, Ann Arbor, MI, USA

7:30AM - 9:30AM

Integrated Quick Shots Session I

6. BASIC SCIENCE + OUTCOMES/CLINICAL: VASCULAR - ENDOTHELIAL BIOLOGY AND VASCULAR PHYSIOLOGY AND CLINICAL

CITY TERRACE 9

MODERATOR: Guillermo A. Escobar, MD

6.01. Development of a Co-Culture Injury Model for Studying Vascular Smooth Muscle Cell Migration In Vitro. F. Galambo¹, H. Bass^{1,2}, R. Beard², B. J. Cha², P. R. Nelson^{1,2} ²University Of South Florida College Of Medicine, Department Of Molecular Pharmacology And Physiology, Tampa, FL, USA ¹University Of South Florida College Of Medicine, Division Of Vascular And Endovascular Surgery/Department Of Surgery/Morsani College Of Medicine, Tampa, FL, USA

6.02. Urotensin's Mechanistic Role for Development of Intimal Hyperplasia in Androgen Deficient Males . J. Univers¹, D. J. Mountain¹, B. M. Freeman¹, R. T. Fisher¹, S. S. Kirkpatrick¹, F. A. Klein¹, M. B. Freeman¹, O. H. Grandas¹ ¹University Of Tennessee Graduate School Of Medicine, Department Of Surgery, Knoxville, TN, USA

6.03. The Effect of Autophagy on Wound Healing in the Murine Model. H. Albadawi^{1,2}, M. W. Koulopoulos¹, L. M. Crowley¹, H. Yoo¹, M. T. Watkins^{1,2} ¹Massachusetts General Hospital, Division Of Vascular And Endovascular Surgery, Department Of Surgery, Boston, MA, USA ²Harvard School Of Medicine, Brookline, MA, USA

6.04. Thrombin and Laminar Flow have Synergistic Effects on YAP Activation in Endothelial Cells. J. Kurita^{1,2}, G. Chitragari^{1,2}, B. E. Sumpio^{1,2} ¹Yale University School Of Medicine, Vascular Surgery, New Haven, CT, USA ²VA Connecticut Healthcare System, Vascular Surgery, West Haven, CT, USA

6.05. Baseline Adipose Phenotype Predicts Vascular Surgery Wound Complications. R. Kulkarni¹, W. W. King¹, S. Shah¹, A. Longchamp¹, M. Tao¹, K. Ding¹, C. K. Ozaki¹, G. Sharma¹ ¹Brigham And Women's Hospital, Vascular And Endovascular Surgery, Boston, MA, USA

6.06. Novel Link Between Cholesterol & Hydrogen Sulfide Production Potential in Vascular Disease Patients. W. W. King¹, A. Longchamp¹, M. Tao¹, R. Kulkarni¹, J. R. Mitchell², C. K. Ozaki¹, G. Sharma¹ ¹Brigham And Women's Hospital, Vascular And Endovascular Surgery, Boston, MA, USA ²Harvard School Of Public Health, Department Of Genetics And Complex Diseases, Boston, MA, USA

6.07. Model of Hemodynamic Changes after Arteriovenous Fistula Creation. L. Laquian¹, Y. He¹, S. Berceli^{1,2} ¹University Of Florida, Division Of Vascular And Endovascular Surgery, Gainesville, FL, USA ²Malcom Randall Veterans Affairs Medical Center, Gainesville, FL, USA

6.08. Development of a Novel Murine Carotid Artery Neointimal Hyperplasia Model. A. M. Steely^{1,2}, T. Mann-Gow², B. S. Childs², M. Kida^{2,3}, P. Zvara^{1,2} ¹The University Of Vermont Medical Center, Department Of Surgery, Burlington, VT, USA ²The University Of Vermont, College Of Medicine, Burlington, VT, USA ³The University Of Vermont Medical Center, Department Of Pathology And Laboratory Medicine, Burlington, VT, USA

6.09. Leukadherins: A Novel Agonist Approach To Treat Atherosclerosis Via Mac-1 Activation. A. Mesa¹, S. Rahimpour², N. Fernandez¹, L. Song¹, S. M. Pham², K. A. Webster¹, V. Gupta³, R. I. Vazquez-Padron¹ ¹University Of Miami, Miami, FL, USA ²University Of Maryland, Baltimore, MD, USA ³Rush University Medical Center, Chicago, IL, USA

6.10. Radiographic Kidney Volume Perfusion Correlates with Aortic Anatomic Severity Grade. C. I. Aghaie¹, L. E. Trakimas¹, D. S. Mix¹, K. Rasheed¹, M. Seaman¹, J. L. Ellis¹, R. J. Glocker¹, A. J. Doyle¹, M. C. Stoner¹ ¹University Of Rochester, Vascular Surgery, Rochester, NY, USA

6.11. Gender Differences in Mortality Following Ischemia-Reperfusion Injury in Diabetic Animals. N. N. Rizk¹, E. Abbott¹, M. Rizk², A. Fischer^{1,2}, J. Dunbar² ¹Beaumont Health System Research Institute, General Surgery, Royal Oak, MI, USA ²Wayne State University, Physiology, Detroit, MI, USA

6.12. Non-Platelet Length Polyphosphates Inhibits tPA Mediated Fibrinolysis. P. J. Lawson^{1,2}, H. B. Moore^{1,2}, A. W. Bacon^{1,2}, E. Gonzalez^{1,2}, A. P. Morton^{1,2}, A. Banerjee¹, J. H. Morrissey³, E. E. Moore^{1,2} ¹University Of Colorado Denver, Surgery, Aurora, CO, USA ²Denver Health Medical Center, Surgery, Denver, CO, USA ³University Of Illinois, Surgery, Urbana, IL, USA

6.13. High Glucose Does Not Inhibit Aortic Endothelial Cell Sprouting and Stimulates Proliferation. A. D. Morris¹, H. Li¹, K. Kuo¹, S. Dalal¹, L. P. Brewster^{1,2} ¹Emory University School Of Medicine, Division Of Vascular Surgery, Atlanta, GA, USA ²Atlanta VA Medical Center, Division of Vascular Surgery, Atlanta, GA, USA

6.14. Predictors Of 30-Day Post-Operative Outcomes Following Carotid Revascularization Procedures . B. J. Nejm¹, I. Arhuidese¹, C. Hicks¹, T. Obeid¹, S. Wang¹, J. Canner¹, M. Malas¹ ¹Johns Hopkins University School Of Medicine, Surgery, Baltimore, MD, USA

6.15. A 30 Year Experience with Tibial/Peroneal Arterial Revascularization using Polytetrafluoroethylene.. N. J. Gargiulo¹, F. J. Veith³, E. C. Lipsitz⁴, N. S. Cayne³, G. S. Landis² ¹The Brookdale Hospital And Medical Center, Vascular Surgery, New York, NY, USA ²Northwell Health System, New Hyde Park, NY, USA ³New York University, Surgery, New York, NY, USA ⁴Montefiore Medical Center, Surgery, Bronx, NY, USA

6.16. The Effect Of Use And Timing Of Venous Thromboembolism Chemoprophylaxis After Major Vascular Surgery.. D. C. Horne¹, P. Georgoff¹, M. A. Healy¹, N. H. Osborne¹ ¹University Of Michigan, Department Of Surgery, Ann Arbor, MI, USA

6.17. Temporal Variability of Mortality & Readmission Determinants in Peripheral Vascular Surgery Patients. M. J. Lin¹, F. Baky², B. Housley², N. Kelly², M. Chowdhury², D. B. Tulman², E. Pletcher¹, J. D. Balshi¹, S. P. Stawicki¹, D. C. Evans² ¹St. Luke's University Health Network, Department Of Surgery, Bethlehem, PA, USA ²Ohio State University, Department Of Surgery, Columbus, OH, USA

6.18. A Time Based Risk Model To Screen Post EVAR Patients. C. M. Png¹, R. O. Tadros¹, P. L. Faries¹, S. Kim¹, W. Beckerman¹, M. R. Torres¹, Z. M. Feldman¹, M. L. Marin¹ ¹Mount Sinai School Of Medicine, New York, NY, USA

6.19. Dialysis Status as a Predictor of Hemodialysis Access Failure: Do We Need to be More Proactive?. E. Berrashid¹, L. M. Youngwirth¹, J. Kim¹, D. N. Ranney¹, J. C. Otto¹, J. F. Lucas², J. H. Lawson¹ ¹Duke University Medical Center, Division Of Vascular Surgery, Department Of Surgery, Durham, NC, USA ²Greenwood Leflore Hospital, Greenwood, MS, USA

6.20. Aspirin Use is Associated with Decreased Thrombus Sac Volume in Abdominal Aortic Aneurysms. L. E. Trakimas¹, C. I. Aghaie¹, D. S. Mix¹, K. Rasheed¹, J. L. Ellis¹, R. J. Glocker¹, A. J. Doyle¹, M. C. Stoner¹ ¹University Of Rochester, Vascular Surgery, Rochester, 14642, USA

TUESDAY

WEDNESDAY

THURSDAY



7:30AM - 9:30AM

Integrated Quick Shots Session I

7. OUTCOMES/CLINICAL: PATIENT SAFETY AND QUALITY

CITY TERRACE 10

MODERATORS: David C. Chang, PhD, MPH, MBA & Faisal G. Bakaeen, MD

7.01. Creating Confusion: Publically Reported Surgeon Ranking Systems are Inconsistent. L. E. Johnston¹, R. K. Ghanta¹, B. D. Kozower¹, C. L. Lau¹, J. M. Isbell¹ ¹University Of Virginia, Division Of Thoracic And Cardiovascular Surgery, Charlottesville, VA, USA

7.02. Are We Missing the Near Misses in the Operating Room?. E. C. Hamilton^{1,2}, D. H. Pham¹, A. N. Minzenmayer¹, L. S. Kao³, K. P. Lally^{1,2}, K. Tsao^{1,2}, A. L. Kawaguchi^{1,2} ¹University Of Texas Health Science Center At Houston, Department Of Pediatric Surgery, Houston, TX, USA ²Children's Memorial Hermann Hospital, Pediatric Surgery, Houston, TX, USA ³University Of Texas Health Science Center At Houston, General Surgery, Houston, TX, USA

7.04. Resident Feedback in General Surgery Bleeds over into Trauma. B. D. Lau^{1,3}, M. B. Streiff², D. B. Hobson¹, P. S. Kraus⁴, D. L. Shaffer¹, V. O. Popoola¹, D. T. Efron¹, E. R. Haut¹ ¹Johns Hopkins University School Of Medicine, Surgery, Baltimore, MD, USA ²Johns Hopkins University School Of Medicine, Medicine, Baltimore, MD, USA ³Johns Hopkins University School Of Medicine, Health Sciences Informatics, Baltimore, MD, USA ⁴Johns Hopkins University School Of Medicine, Pharmacy, Baltimore, MD, USA

7.05. What's Wrong with the Surgical Safety Checklist? Thinking Outside the Checkbox. A. A. Hildebrandt¹, L. R. Putnam^{1,2}, M. B. Diffeley¹, K. M. Caldwell¹, S. E. Covey¹, A. N. Mizemayer¹, K. T. Anderson^{1,2}, A. L. Kawaguchi^{1,2}, L. S. Kao³, K. P. Lally^{1,2}, K. Tsao^{1,2} ¹University Of Texas Health Science Center At Houston, Pediatric Surgery, Houston, TX, USA ²Children's Memorial Hermann Hospital, Pediatric Surgery, Houston, TX, USA ³University Of Texas Health Science Center At Houston, General Surgery, Houston, TX, USA

7.06. Defect Reduction And Quality Improvement Through Lean Management Of Rigid Endoscopy Equipment . W. Stehr¹, E. K. Sinclair² ¹UCSF Benioff Children's Hospital Oakland, Division Of Pediatric Surgery, Oakland, CA, USA ²UCSF Benioff Children's Hospital Oakland, Quality Built In, Oakland, CA, USA

7.07. Improving Quality Improvement Knowledge and Engagement Through Mentorship. R. L. Hoffman¹, R. R. Kelz¹ ¹Hospital Of The University Of Pennsylvania, Philadelphia, PA, USA

7.08. ACGME Duty Hour Reforms Do Not Impact Outcomes in General and Vascular Surgical Patients. N. Tehrani¹, S. Wetzel¹, M. John¹, H. Sanfey¹, S. Desai¹ ¹Southern Illinois University School Of Medicine, Springfield, IL, USA

7.09. Outpatient Infusion Protocol Decreases Readmission Rates in Post-operative Bariatric Patients. J. L. Salluzzo¹, J. Moore², L. Burke², K. E. Roberts¹, G. Nadzam¹, A. J. Duffy¹ ¹Yale University School Of Medicine, Gastrointestinal Surgery, New Haven, CT, USA ²Yale New Haven Hospital, Gastrointestinal Surgery, New Haven, CT, USA

7.10. Missed Opportunities for Intervention Prior to Fall in Elderly Patients. C. D. Minifee^{1,2}, C. E. Wade^{1,2,3}, J. Holcomb^{1,2,3}, S. D. Adams^{1,2,3} ¹Center For Translational Injury Research, Houston, TEXAS, USA ²University Of Texas Health Science Center At Houston, Houston, TX, USA ³Memorial Hermann Hospital, Trauma Surgery, Houston, TX, USA

7.11. Pardon the Interruption: An Observational Study of OR Interruptions. K. M. Caldwell¹, L. R. Putnam^{1,2}, S. Covey¹, M. Diffeley¹, A. Hildebrandt¹, A. Minzenmayer¹, K. T. Anderson^{1,2}, A. L. Kawaguchi^{1,2}, K. P. Lally^{1,2}, K. Tsao^{1,2} ²Children's Memorial Hermann Hospital, Pediatric Surgery, Houston, TX, USA ¹University Of Texas Health Science Center At Houston, Pediatric Surgery, Houston, TX, USA

7.12. Clinical Acuity Shorthand System (CLASS) for Surgery: A Standardized Patient Classification Tool. B. F. Gilmore¹, A. K. Brys², N. S. Nath², K. L. Rialon¹, M. E. Barfield¹, G. Pomann³, L. Ding³, J. Migaly¹, P. J. Mosca¹ ¹Duke University Medical Center, Department Of Surgery, Durham, NC, USA ²Duke University School Of Medicine, Durham, NC, USA ³Duke University, Department Of Bioinformatics And Biostatistics, Durham, NC, USA

7.13. Reduction in Arterial Blood Gas Utilization Through Implementation of End-Tidal CO2 Monitoring.. M. A. Wasserman³, J. M. Sternbach³, M. W. Wandering³, M. L. Crandall^{1,3}, N. M. Issa^{1,3}, S. J. Schwulst^{1,3}, K. Y. Bilimoria^{2,3}, M. B. Shapiro^{1,3}, M. Swaroop^{1,3} ¹Northwestern University, Department Of Trauma & Critical Care, Chicago, IL, USA ²Northwestern University, Surgical Outcomes And Quality Improvement Center, Chicago, IL, USA ³Northwestern University, Department Of Surgery, Chicago, IL, USA

7.14. The World Health Organization Surgical Safety Checklist Improves Post-Operative Outcomes. C. S. Lau^{1,3}, R. S. Chamberlain^{1,2,3} ¹Saint Barnabas Medical Center, Surgery, Livingston, NJ, USA ²New Jersey Medical School, Surgery, Newark, NJ, USA ³Saint George's University, Grenada, Grenada, Grenada

7.15. On-Call Paging in the Pre- and Post-Electronic Health Record Era . A. M. Jensen¹, P. Pieper², M. S. Nussbaum¹, C. L. Leaphart¹ ¹University Of Florida, Department Of Surgery, Jacksonville, FL, USA ²University Of Florida, College Of Nursing, Jacksonville, FL, USA

7.16. Evaluating Variability in Implementation of Perioperative Time-Outs: Is There Room For Improvement?. S. P. Lawrence^{1,2}, E. M. Hechenbleikner^{1,2}, S. Cane³, L. Boyle^{1,3}, W. B. Al-Refaie^{1,2,3} ¹Georgetown University Medical Center, Washington, DC, USA ²MedStar Georgetown Surgical Outcomes Research Center, Washington, DC, USA ³MedStar Georgetown University Hospital, Washington, DC, USA

7.17. Institutional Experience with Concurrent Endocrine and Other Surgical Procedures. R. S. Morris¹, T. W. Yen¹, A. A. Carr¹, S. D. Wilson¹, D. B. Evans¹, T. S. Wang¹ ¹Medical College Of Wisconsin, Surgical Oncology, Milwaukee, WI, USA

7.18. Exploring the Impact of Marijuana and Trauma. J. Hannallah¹, P. Rhee¹, K. M. Ibraheem¹, N. Kulvatunyou¹, T. O'Keeffe¹, A. Tang¹, R. Latifi¹, L. Gries¹, D. J. Green¹, R. Friese¹, B. Joseph¹ ¹University Of Arizona, Trauma Surgery, Tucson, AZ, USA

7.19. Natural History Of Retained Surgical Items: Building On Cumulative Experience. B. Styskel¹, B. Wernick¹, R. N. Mubang¹, D. M. Sabol¹, M. A. Granson¹, J. C. Rosenfeld¹, S. D. Moffatt-Bruce², S. P. Stawicki¹ ¹St. Luke's University Health Network, Department Of Surgery, Bethlehem, PA, USA ²Ohio State University, Department Of Surgery, Columbus, OH, USA

7.20. Does Music in the OR Impact Self-Perceived Performance? A Large Multi-Specialty Study. E. Taylor¹, S. Lawrence^{1,2,3}, E. Hechenbleikner^{1,2,3}, Y. Hong^{1,2,3}, C. Zheng^{1,2,3}, L. Boyle^{1,2,3}, W. Al-Refaie^{1,2,3} ¹Georgetown University Medical Center, Washington, DC, USA ²Georgetown University Medical Center, MH-SORC, Washington, DC, USA ³Georgetown University Medical Center, MGUH, Washington, DC, USA

7.21. Assessing Patient Navigation Efficacy for Cancer Therapy. C. Jojola¹, H. Cheng¹, L. Wong¹, K. Turaga¹, T. C. Gamblin¹, F. Johnston¹ ¹Medical College Of Wisconsin, Surgical Oncology/ Surgery, Milwaukee, WI, USA

TUESDAY

WEDNESDAY

THURSDAY

7:30AM - 9:30AM

Integrated Quick Shots Session I

8. OUTCOMES/CLINICAL: QUALITY OF CARE

CITY TERRACE 11

MODERATORS: Rachel R. Kelz, FACS, MD, MS & Oscar Guillamondegui, MD

TUESDAY

WEDNESDAY

THURSDAY

8.01. Prolonged Hospital Stays for Patients Discharged to Post-Acute Care after Colorectal Cancer Surgery.

A. Bailey¹, G. C. Karakousis¹, R. Hoffman¹, M. Neuwirth¹, R. R. Kelz¹ ¹Hospital Of The University Of Pennsylvania, Department Of Surgery, Philadelphia, PA, USA

8.02. Improved Compliance with Foley Care Guidelines Following the Implementation of a Patient Dashboard.

M. Scerbo¹, J. Holcomb¹ ¹University Of Texas Health Science Center At Houston, Houston, TX, USA

8.03. Unplanned 30-Day Readmissions in Orthopedic Trauma.

D. Metcalfe¹, O. A. Olufajo¹, C. Zogg¹, A. J. Rios Diaz¹, A. H. Haider¹, M. B. Harris², M. J. Weaver², A. Salim¹ ¹Harvard Medical School, Center For Surgery And Public Health, Boston, MA, USA ²Brigham & Women's Hospital, Department Of Orthopedic Surgery, Boston, MA, USA

8.04. Bundled Payments for Acute Care: Potential Savings or Need for Further Reform?

F. Gani¹, J. E. Efron¹, E. C. Wick¹, S. H. Fang¹, B. Safar¹, J. Hundt¹, T. M. Pawlik¹ ¹Johns Hopkins University School Of Medicine, Surgery, Baltimore, MD, USA

8.05. Quality Metrics after Early Mobilization in the PACU in Colorectal Patients: A 6-Month Analysis .

M. W. LaPorta¹, E. T. Wills¹, A. W. Trickey¹, P. Graing¹, D. B. Colvin¹, J. J. Moynihan¹, H. D. Reines¹ ¹Inova Fairfax Hospital, Department Of Surgery, Falls Church, VA, USA

8.06. Do Clinical Pathways Actually Improve Outcomes for Pediatric Appendicitis?

L. R. Putnam^{1,2}, T. G. Ostovar-Kermani^{1,2}, K. T. Anderson^{1,2}, D. H. Pham^{1,2}, M. T. Austin^{1,2}, A. L. Kawaguchi^{1,2}, L. S. Kao³, K. P. Lally^{1,2}, K. Tsao^{1,2} ¹University Of Texas Health Science Center At Houston, Pediatric Surgery, Houston, TX, USA ²Children's Memorial Hermann Hospital, Pediatric Surgery, Houston, TX, USA ³University Of Texas Health Science Center At Houston, General Surgery, Houston, TX, USA

8.07. Is "Routine" Trauma Underprioritized in Level 1 Trauma Centers?

D. Metcalfe¹, O. A. Olufajo¹, C. K. Zogg¹, M. B. Harris², J. D. Gates¹, A. J. Rios Diaz¹, A. H. Haider¹, A. Salim¹ ¹Harvard Medical School, Center For Surgery And Public Health, Boston, MA, USA ²Brigham & Women's Hospital, Department Of Orthopedic Surgery, Boston, MA, USA

8.08. Characterizing Cancer-patient Sentiments Through Social Media: A Pattern-matched Twitter Analysis.

W. Cranell¹, E. Clark¹, T. James¹, C. Jones¹, J. Moore¹ ¹University Of Vermont College Of Medicine / Fletcher Allen Health Care, Surgery, Burlington, VT, USA

8.10. Surgeon-Patient Expectation Gap; Bigger Than We Thought?

R. N. Willis¹, B. Edwards¹, R. G. Sawyer¹, M. D. Williams¹ ¹University Of Virginia, Dept. Of Surgery, Charlottesville, VA, USA

8.11. Qualitative surgical research - why isn't it being published in surgical journals?

A. C. Robinson¹, J. R. Appelson¹, N. R. Changoor¹, W. A. Davis¹, A. H. Haider¹, M. A. Morris¹ ¹Brigham And Women's Hospital, Harvard Schools Of Medicine And Public Health, Department Of Surgery, Boston, MA, USA

8.12. When Low Risk Operations Fail: The Frequency & Predictors Of Unexpected Deaths In Surgical Patients.

J. D. Bohnen¹, N. F. Sangji^{1,2}, E. P. Ramly³, H. M. Kaafarani^{1,2}, K. D. Lillemo¹, D. C. Chang^{1,2} ¹Massachusetts General Hospital, Harvard Medical School, Department Of Surgery, Boston, MA, USA ²Codman Center For Clinical Effectiveness In Surgery, Massachusetts General Hospital, Boston, MA, USA ³Oregon Health And Science University, Department Of Surgery, Portland, OR, USA

8.13. Novel Approaches to Facilitate Statewide Surgical Quality Improvement: Development of the ISQIC.

A. R. Dahlke¹, A. Yang¹, J. Johnson¹, K. O'Leary³, L. Kreutzer¹, P. R. Farrell¹, J. Thomas¹, R. Love¹, A. Halverson¹, M. Williams², K. Y. Bilimoria¹ ¹Northwestern University, Surgical Outcomes And Quality Improvement Center, Chicago, ILLINOIS, USA ²University Of Kentucky, Center For Health Services Research, Lexington, KENTUCKY, USA ³Northwestern University, Hospital Medicine, Chicago, IL, USA

8.14. Timing of Blood Cultures in the Evaluation of Postoperative Fever.

L. R. Copeland-Halperin¹, H. Prentice¹, J. Dort¹ ¹Inova Fairfax Hospital, Surgery, Falls Church, VA, USA

8.15. Understanding Barriers to Efficiency in Robotic Surgery.

B. T. Fry², L. W. Hess³, M. Jain¹, J. T. Anger¹, R. Avenido¹, B. Gewertz¹, K. Catchpole¹ ¹Cedars-Sinai Medical Center, Los Angeles, CA, USA ²University Of Michigan Medical School, Ann Arbor, MI, USA ³Pennsylvania State University, Eberly College Of Science, University Park, PA, USA

8.16. Since When Did Observation of Cancer Become Acceptable Treatment?

M. M. Dua¹, T. B. Tran¹, K. Hwa², C. Cho-Phan³, G. A. Poultsides¹, B. C. Visser¹ ¹Stanford University, Surgery, Palo Alto, CA, USA ²VA Palo Alto Health Care System, Surgery, Palo Alto, CA, USA ³Stanford University, Medicine, Palo Alto, CA, USA

8.17. Using Mixed Methods to Comprehensively Assess Processes of Surgical Care Delivery.

O. C. Nwanna-Nzewunwa¹, M. Ajiko², F. Kirya², J. Epodo², F. Kabagenyi², I. Feldhaus¹, C. Juillard¹, R. A. Dicker¹ ¹University Of California - San Francisco, Center For Global Surgical Studies, San Francisco, CA, USA ²Soroti Regional Referral Hospital, Surgery, Soroti, SOROTI, Uganda

8.18. Do Minimum Volume Standards Improve Patient Outcomes with Organ Transplant?

L. H. Nicholas¹, S. Stith² ¹Johns Hopkins University School Of Medicine, Surgery, Baltimore, MD, USA ²University Of New Mexico, Albuquerque, NM, USA

8.19. The Association Between Pre-Discharge Complications and Readmissions.

M. Morris^{1,3}, L. Graham^{1,3}, J. Richman^{1,3}, R. Hollis^{1,3}, C. Jones^{1,3}, M. Hawn² ¹University Of Alabama, Surgery, Birmingham, Alabama, USA ²Stanford University, Surgery, Palo Alto, CA, USA ³Birmingham Veterans Affairs Hospital, Surgery, Birmingham, AL, US

8.20. Early learners as health coaches for high-risk surgical patients: a pilot study.

J. Kaplan¹, R. Hofer¹, Z. Brinson¹, P. Chung², C. Lucas², D. Teng³, V. Tang⁵, J. Broering⁴, A. Chang^{2,5}, E. Finlayson¹ ¹University Of California - San Francisco, Surgery, San Francisco, CA, USA ²University Of California - San Francisco, School Of Medicine, San Francisco, CA, USA ³University Of California - San Francisco, School Of Nursing, San Francisco, CA, USA ⁴University Of California - San Francisco, Urology, San Francisco, CA, USA ⁵University Of California - San Francisco, Geriatrics, San Francisco, CA, USA

8.21. A Survey of the Preferences and Practice of Surgical Hand Antisepsis.

B. S. Oriel^{1,2}, K. M. Itani^{1,3,4} ¹VA Boston Healthcare System, Surgical Service, West Roxbury, MA, USA ²Tufts Medical Center, Department Of Surgery, Boston, MA, USA ³Boston University School Of Medicine, Department Of Surgery, Boston, MA, USA ⁴Harvard Medical School, Department Of Surgery, Boston, MA, USA



7:30AM - 9:30AM

Integrated Quick Shots Session I

9. OUTCOMES/CLINICAL: DISPARITIES AND ACCESS TO CARE

CITY TERRACE 12

MODERATORS: Fabian McCartney Johnston, MD, MHS & Thomas Geoghegan Weiser, MD, MPH

- 9.01. Racial Disparities in the Use of Laparoscopic Colon Resection Among Medicare Patients.** S. R. Thumma¹, J. R. Thumma¹, A. Ibrahim¹, J. B. Dimick¹ ¹University Of Michigan, Center For Healthcare Outcomes And Policy, Ann Arbor, MI, USA
- 9.02. Using Community Outreach to Gain Insight into Racial Disparities and Cancer Care.** R. L. Hoffman¹, K. O'Neill², K. Collier¹, C. B. Aarons¹, M. K. Lee¹, R. R. Kelz¹ ¹University Of Pennsylvania, Philadelphia, PA, USA ²Yale University School Of Medicine, New Haven, CT, US
- 9.03. Racial Disparities in the Receipt of Transdisciplinary Evidence-based Breast Cancer Care.** R. Yang¹, Y. Ma¹, I. Wapnir¹, K. F. Rhoads¹ ¹Stanford University, Department Of Surgery, Palo Alto, CA, USA
- 9.04. High Volume Hospitals: Limited Access for Patients with a Lower Income?.** N. R. Changoor^{1,2}, J. W. Scott¹, G. Ortega², C. K. Zogg¹, L. L. Wolf¹, G. Reznor¹, E. B. Schneider¹, E. E. Cornwell², A. H. Haider¹ ¹Brigham And Women's Hospital, Center For Surgery And Public Health, Boston, MA, USA ²Howard University College Of Medicine, Department Of Surgery, Washington, DC, USA
- 9.05. Trauma Recidivism in Urban Youths vs Adults.** K. Barrera², L. Lajoie², A. Chudner², D. Solomon², V. Roudnitsky¹, T. Schwartz¹ ¹Kings County Hospital Center, Acute Care Surgery, Brooklyn, NY, USA ²SUNY Downstate, Department Of Surgery, Brooklyn, NY, USA
- 9.06. Health literacy and readability analysis of online resources related to lung cancer.** K. D. Weiss¹, C. R. Vargas^{1,2}, O. Ho², D. J. Chuang², B. T. Lee^{1,2} ¹Beth Israel Deaconess Medical Center, Department Of Surgery, Boston, MA, USA ²Beth Israel Deaconess Medical Center, Division Of Plastic And Reconstructive Surgery, Boston, MA, USA
- 9.07. Identifying Predictors of Consent for Solid Organ Donation in Appalachia.** J. W. Harris¹, J. C. Berger¹, R. Gedaly¹, M. B. Shah¹ ¹University Of Kentucky, Surgery, Lexington, KY, USA
- 9.08. Racial Disparities in Length of Stay Among Patients Undergoing Lower Extremity Revascularization.** F. C. Patel¹, M. D. Giglia¹, A. Gullick¹, M. S. Morris¹, B. J. Pearce¹, D. I. Chu¹ ¹University of Alabama Birmingham, Department Of Surgery, Birmingham, ALABAMA, USA
- 9.09. Sex Bias Exists in Human Clinical Surgical Research.** N. A. Mansukhani¹, D. Y. Yoon¹, K. A. Teter¹, V. C. Stubbs¹, T. K. Woodruff^{2,3}, M. R. Kibbe^{1,2} ¹Northwestern University, Surgery, Chicago, IL, USA ²Northwestern University, Women's Health Research Institute, Chicago, IL, USA ³Northwestern University, Obstetrics And Gynecology, Chicago, IL, USA
- 9.10. Pediatric Appendicitis: Time to Give Antibiotics.** A. G. Antunez¹, S. K. Gadepalli¹ ¹University Of Michigan, Pediatric Surgery, Ann Arbor, MI, USA
- 9.11. Age and Anti-Thyroid Drug Intolerance Predict Definitive Therapy in Pediatric Graves Disease.** E. J. Graham¹, J. Malinowski¹, C. A. Dinauer¹, E. R. Christison-Lagay¹, C. E. Quinn¹, T. Carling¹, R. Udelsman¹, G. G. Callender¹ ¹Yale University School Of Medicine, Department Of Surgery, New Haven, CT, USA
- 9.12. Surgeons as Agents of Change: Community Outreach and Provider Engagement.** R. L. Hoffman¹, K. O'Neill², J. Olsen¹, S. R. Allen¹, M. K. Lee¹, C. B. Aarons¹, R. R. Kelz¹ ²Yale University School Of Medicine, New Haven, CT, USA ¹Hospital Of The University Of Pennsylvania, Philadelphia, PA, USA
- 9.13. Disparities in Curative Surgical Treatment of Localized Gastrointestinal Malignancies .** K. A. Harden¹, N. F. Fino², C. J. Clark¹ ¹Wake Forest University School Of Medicine, Department Of General Surgery, Winston-Salem, NC, USA ²Wake Forest University School Of Medicine, Department Of Biostatistical Sciences, Winston-Salem, NC, USA
- 9.14. Barriers to Participation in Preoperative Risk Reduction Programs at A Safety-Net Hospital .** B. Henschcliffe¹, J. L. Holihan¹, J. R. Flores¹, T. O. Mitchell¹, T. C. Ko¹, L. S. Kao¹, M. K. Liang¹ ¹University Of Texas Health Science Center At Houston, Surgery, Houston, TX, USA
- 9.15. Treating Hospital Type Affects Race-Based Differences in LOS among Tricare-Insured CABG Patients..** R. Chowdhury^{1,2,3}, W. Jiang¹, C. K. Zogg¹, E. B. Schneider^{1,2}, A. H. Haider^{1,2} ¹Brigham And Women's Hospital, Center For Surgery And Public Health, Boston, MA, USA ²Harvard School Of Medicine, Surgery, Brookline, MA, USA ³Harvard School Of Public Health, Boston, MA, USA
- 9.17. Impact of Socioeconomic Status on Frailty in Elderly Trauma Patients.** K. M. Ibraheem¹, P. Rhee¹, T. Orouji Jokar¹, N. Kulvatunyou¹, T. O'Keefe¹, A. Tang¹, R. Latifi¹, G. Vercrucy¹, J. Mohler¹, M. Fain¹, B. Joseph¹ ¹University Of Arizona, Trauma Surgery, Tucson, AZ, USA
- 9.18. Do minority women wait longer for their definitive breast cancer surgery after initial diagnosis?.** L. Steel¹, Y. R. Li¹, E. Carrigan¹, J. Tchou¹ ¹University Of Pennsylvania, Department Of Surgery, Philadelphia, PA, USA
- 9.19. Predictors of Inpatient Mortality After Colon Resection for Cancer in the Geriatric Population.** E. He^{1,3}, A. N. Kothari^{1,3}, M. De Jong², R. Yau^{1,3}, J. Eberhardt¹, T. Saclarides¹, P. C. Kuo¹, D. Hayden¹ ¹Loyola University Medical Center, Surgery, Maywood, ILLINOIS, USA ²Loyola University Chicago, Health Sciences Division, Maywood, ILLINOIS, USA ³Map Surgical Analytics Group, Maywood, IL, USA
- 9.20. A State-wide Assessment of Cholecystectomy Outcomes in the Elderly.** D. J. Li¹, M. Terjimanian¹, L. M. Napolitano¹, M. Englesbe², D. A. Campbell², K. B. To¹ ¹University Of Michigan, Acute Care Surgery / Dept Of Surgery, Ann Arbor, MI, USA ²University Of Michigan, Dept Of Surgery, Ann Arbor, MI, USA
- 9.21. Surgical Quality in Low- and Middle-Income Countries: a Systematic Literature Review.** S. Saluja^{4,5,6}, S. Mukhopadhyay^{4,6,8}, A. Silverstein^{4,6,10}, Y. Lin^{4,6,9}, R. Sood^{4,6,10}, N. Raykar^{3,6}, P. Moberger¹², J. Von Schreeb¹¹, J. G. Meara^{4,6}, M. G. Shrima^{6,7} ³Beth Israel Deaconess Medical Center, Department Of Surgery, Boston, MA, USA ⁴Children's Hospital Boston, Department Of Plastic Surgery, Boston, MA, USA ⁵Weill Cornell Medical College, Department Of Surgery, New York, NY, USA ⁶Harvard Medical School, Program In Global Surgery And Social Change, Boston, MA, USA ⁷Massachusetts Eye And Ear Infirmary, Boston, MA, USA ⁸University Of Connecticut, Department Of Surgery, Storrs, CT, USA ⁹University Of Colorado Denver, Department Of Surgery, Aurora, CO, USA ¹⁰University Of Miami, Miami, FL, USA ¹¹Karolinska Institutet, Health System And Policy Research, Stockholm, Sweden ¹²Uppsala University, Department Of Surgery, Uppsala, Sweden

TUESDAY

WEDNESDAY

THURSDAY



7:30AM - 9:30AM

Integrated Quick Shots Session I

10. OUTCOMES/CLINICAL: GENERAL SURGERY 1

RIVER TERRACE 1

MODERATORS: Vanita Ahuja, MD & Joseph Michael Galante, MD

10.01. Lymph Node Retrieval is Decreased after Neoadjuvant Chemoradiation Therapy for Esophageal Cancer. D. Giugliano¹, A. Berger¹, M. J. Pucci¹, E. Rosato¹, C. Lamb¹, H. Meidl¹, F. Palazzo¹ ¹Thomas Jefferson University, Philadelphia, PA, USA

10.02. Complicated Diverticulitis: Management and Trends in an Aging Population . T. Galbreath¹, B. Palachick¹, T. Bell¹, R. Grim¹, V. Ahuja¹ ¹York Hospital, Surgery, York, PA, USA

10.03. Early Versus Late Readmission After Pancreatectomy. I. Folkert¹, S. Damrauer¹, G. Karakousis¹, M. K. Lee, IV¹ ¹Hospital Of The University Of Pennsylvania, Department Of Surgery, Philadelphia, PA, USA

10.04. Cholecystectomy Outcomes In Obese Patients: An ACS NSQIP Analysis. C. J. Neylan¹, D. T. Dempsey¹, R. R. Kelz¹, G. C. Karakousis¹, K. Lee¹, N. N. Williams¹, A. Furukawa¹, M. G. Peters¹, K. R. Dumon¹ ¹University Of Pennsylvania, Department Of Surgery, Philadelphia, PA, USA

10.05. Physician Practice Patterns in Decision Making for Older Patients with Symptomatic Gallstone Disease. N. P. Tamirisa¹, T. S. Riall¹, F. M. Dimou¹ ¹University Of Texas Medical Branch, Galveston, TX, USA

10.06. Robotic vs. Lap Colectomy Results In Increased Operative Time Without Improved Perioperative Outcomes. B. Ezekian¹, Z. Sun¹, M. Adam¹, J. Kim¹, M. C. Turner¹, B. F. Gilmore¹, C. T. Ong¹, C. R. Mantyh¹, J. Migaly¹ ¹Duke University Medical Center, Department Of Surgery, Durham, NC, USA

10.07. Inadvertent Parathyroidectomy During Thyroidectomy: Incidence, Risk Factors and Long-Term Outcome. H. Y. Zhou^{1,2}, J. C. He^{1,2}, C. R. McHenry^{2,3} ¹University Hospitals Case Medical Center, Surgery, Cleveland, OH, USA ²Case Western Reserve University School Of Medicine, Cleveland, OH, USA ³Metro-Health Medical Center, Surgery, Cleveland, OH, USA

10.08. Medical Malpractice in Hernia Surgery: Methods to Save Yourself a Trip to the Courts. A. J. Choudhry¹, N. N. Haddad¹, E. B. Habermann², D. S. Morris¹, S. F. Heller¹, B. D. Kim¹, D. H. Jenkins¹, M. D. Zielinski¹ ¹Mayo Clinic, General Surgery, Rochester, MN, USA ²Mayo Clinic, Robert D. And Patricia E. Kern Center For The Science Of Health Care Delivery, Surgical Outcomes Program, Rochester, MN, USA

10.09. Clinical & Patient Reported Outcomes in Nonoperative Ventral Hernia Management: A Prospective Cohort. J. L. Holihan¹, Z. M. Alawadi¹, J. R. Flores-Gonzalez¹, T. C. Ko¹, L. S. Kao¹, M. K. Liang¹ ¹University Of Texas Health Science Center At Houston, Surgery, Houston, TX, USA

10.10. A Calculated Risk: Performing Laparoscopic Cholecystectomy on Patients with End Stage Renal Disease. P. J. Chung¹, M. J. Lee², M. C. Smith¹, A. E. Alfonso¹, G. Sugiyama¹ ¹SUNY Downstate Medical Center, Department Of Surgery, Brooklyn, NY, USA ²SUNY Downstate Medical Center, College Of Medicine, Brooklyn, NY, USA

10.11. IHC as a Reliable Method for Detection of BRAF-V600E Mutation in Melanoma: A Meta-Analysis. . M. A. Anwar¹, F. Murad¹, E. Dawson¹, Z. Y. Abd Elmageed¹, K. Tsumagari¹, E. Kandil¹ ¹Tulane University School Of Medicine, General Surgery, New Orleans, LA, USA

10.12. Comparative ERCP Outcomes of Gastroenterologists and Surgeons: Analysis of National Inpatient Sample. J. A. Cooper¹, S. Desai¹, S. Scaife¹, C. Gonczy¹, J. Mellinger¹ ¹Southern Illinois University School Of Medicine, General Surgery, Springfield, IL, USA

10.13. Effect of Perioperative Fluid Class, Volume, and Timing on Incidence of Postoperative Ileus. M. S. VandeHei¹, C. M. Papageorge¹, M. Murphy¹, S. E. Tevis¹, G. D. Kennedy¹ ¹University Of Wisconsin, Department Of Surgery, Madison, WI, USA

10.14. Partnerships between Surgeons and Industry . S. Chrabaszcz¹, R. Rajeev¹, B. Klooster¹, T. Gamblin¹, F. Johnston¹, K. Turaga¹ ¹Medical College Of Wisconsin, Division Of Surgical Oncology, Milwaukee, WI, USA

10.15. Sarcopenia Predicts Outcomes in Patients Undergoing Pancreatectomy for Neoplasia . A. Sagnotta¹, F. Carbonetti¹, M. De Siena¹, L. Mangogna¹, C. Mattana¹, P. Magistri¹, G. Ramacciato¹, G. Nigri¹ ¹Sapienza University Of Rome, Department Of Medical And Surgical Sciences And Translational Medicine, Rome, RM, Italy

10.16. Economies of Scale in the Provision of Minimally Invasive Surgery. L. Kuo¹, K. D. Simmons¹, R. R. Kelz¹ ¹Hospital Of The University Of Pennsylvania, Surgery, Philadelphia, PA, USA

10.17. Whipple-ABACUS, A Simple, Validated Risk Score for 30-Day Mortality After Pancreaticoduodenectomy. E. Gleeson¹, M. F. Shaikh¹, A. E. Poor¹, P. A. Shewokis¹, J. R. Clarke¹, D. S. Lind¹, W. C. Meyers¹, W. B. Bowne¹ ¹Drexel University College Of Medicine, Surgery, Philadelphia, Pa, USA

10.18. Colonic Volvulus: An ACS-NSQIP Analysis. S. E. Koller², E. A. Busch², M. M. Philip², H. Ross², H. A. Pitt^{1,2} ¹Temple University, Health System, Philadelphia, PA, USA ²Temple University, School Of Medicine, Philadelphia, PA, USA

10.19. Disparities in the Receipt of Rehabilitation: A National Inspection of Acute Care Surgery Patients. M. A. Chaudhary¹, A. Shah³, C. K. Zogg¹, D. Metcalfe¹, O. Olufajo¹, E. J. Lilley¹, A. Ranjit¹, A. B. Chapital³, D. J. Johnson³, J. M. Havens², A. Salim², Z. Cooper¹, A. H. Haider¹ ¹Brigham And Women's Hospital, Center For Surgery And Public Health, Harvard Medical School, Harvard T H Chan School Of Public Health, Boston, MA, USA ²Brigham And Women's Hospital, Division Of Trauma, Burns And Surgical Critical Care, BOSTON, MA, USA ³Mayo Clinic In Arizona, Department Of Surgery, Phoenix, AZ, USA

10.20. Is Hospital Teaching Status Associated with Outcomes in Patients Admitted with EGS Conditions?. S. Jiao^{1,2}, C. K. Zogg¹, J. W. Scott¹, L. L. Wolf¹, A. Shah², M. A. Chaudhary¹, N. Changoor¹, A. Salim³, E. B. Schneider¹, A. H. Haider¹ ¹Brigham And Women's Hospital, Center For Surgery And Public Health, Harvard Medical School, Harvard T H Chan School Of Public Health, BOSTON, MA, USA ²Mayo Clinic In Arizona, Department Of Surgery, Phoenix, AZ, USA ³Brigham And Women's Hospital, Division Of Trauma, Burns And Surgical Critical Care, BOSTON, MA, USA

TUESDAY

WEDNESDAY

THURSDAY

MODERATORS: Dean J. Mikami, MD & George Kasotakis, MD

11.01. A Nomogram to Predict Perioperative Blood Transfusion Among Patients Undergoing Abdominal Surgery. Y. Kim¹, F. Gani¹, F. Bagante¹, G. A. Margonis¹, D. Wagner¹, L. Xu¹, S. Buttner¹, J. O. Wasey², S. M. Frank², T. M. Pawlik¹ ¹Johns Hopkins University School Of Medicine, Surgery, Baltimore, MD, USA ²Johns Hopkins University School Of Medicine, Anesthesiology And Critical Care Medicine, Baltimore, MD, USA

11.02. Trends in Surgical Management and Postoperative Outcomes of Emergency Surgery for Diverticulitis. L. Durbak¹, G. D. Kennedy¹, E. H. Carchman¹ ¹University Of Wisconsin, School Of Medicine And Public Health, Madison, WI, USA

11.03. Gallstone Pancreatitis and Cholelithiasis: Bilirubin Levels and Trends. D. D. Yeh¹, P. Fagenholz¹, N. Chokengarmwong¹, Y. Chang¹, K. Butler¹, H. Kaafarani¹, D. R. King¹, M. DeMoya¹, G. Velmahos¹ ¹Massachusetts General Hospital, Trauma, Emergency Surgery, And Surgical Critical Care/Department Of Surgery/Harvard Medical School, Boston, MA, USA ²Massachusetts General Hospital, Department Of Medicine, Boston, MA, USA

11.04. Does Concomitant Thyroidectomy Increase the Perioperative Complications of Parathyroidectomy? C. M. Kiernan¹, C. Schlegel¹, S. Kavalukas¹, C. Isom¹, M. F. Peters¹, C. C. Solorzano¹ ¹Vanderbilt University Medical Center, Nashville, TN, USA

11.05. Frailty Predicts Postoperative Morbidity and Mortality after Colectomy for Ulcerative Colitis . E. Telemi¹, O. Trofymenko¹, R. Venkat¹, V. Nfonsam¹ ¹University Of Arizona, Surgery, Tucson, AZ, USA

11.06. Are Lipomatous Tumors Metabolically Active? The Impact of Tumor Resection on Diabetes. F. Fallahian^{1,4}, A. Ardestani¹, C. Raut^{1,2,3}, A. Tavakkoli^{1,2}, E. Sheu^{1,2} ¹Brigham And Women's Hospital, Boston, MA, USA ²Harvard Medical School, Boston, MA, USA ³Dana Farber Cancer Institute, Boston, MA, USA ⁴University Of Missouri-Kansas City School Of Medicine, Kansas City, MO, USA

11.07. Incidence of Central Venous Port Complications and Associated Factors. K. M. Babbitt¹, C. S. Gunasekera¹, P. P. Parikh¹, R. J. Markert¹, M. B. Roelle¹, M. C. McCarthy¹ ¹Wright State University, Department Of Surgery, Dayton, OH, USA

11.09. Outcomes of Appendectomy Performed on Weekend or on the Next Day of Admission. Z. Al-Qurayshi¹, E. Kandil¹ ¹Tulane University School Of Medicine, Surgery, New Orleans, LA, USA

11.10. Effect of a Preoperative Decontamination Protocol on Surgical Site Infections in Elective Surgery. E. T. Vo^{1,2}, C. N. Robinson^{1,2}, D. M. Green^{1,2}, B. L. Ehni^{1,2}, P. Kougiass^{1,2}, A. Lara-Smallings², N. Logan², S. S. Awad^{1,2} ¹Baylor College Of Medicine, Department Of Surgery, Houston, TX, USA ²Michael E. DeBakey Veterans Affairs Medical Center, Department Of Surgery, Houston, TX, USA

11.11. Assuring Survival of Safety-Net Surgical Patients. H. A. Pitt^{1,2}, A. J. Goldberg², A. S. Pathak², J. A. Shinefeld¹, S. M. Hinkle¹, S. O. Rogers², V. J. DiSesa^{1,2}, L. R. Kaiser^{1,2} ¹Temple University, Health System, Philadelphia, PA, USA ²Temple University, Department Of Surgery, Philadelphia, PA, USA

11.12. Hand-Assisted Laparoscopic Versus Laparoscopic Colectomy: Are Outcomes and Operative Time Different? B. F. Gilmore¹, Z. Sun¹, M. Adam¹, J. Kim¹, B. Ezekian¹, C. Ong¹, J. Migaly¹, C. Mantyh¹ ¹Duke University, Department Of Surgery, Durham, NC, USA

11.13. The Effect of Hospital Volume Status on Bariatric Surgery Outcomes. A. A. Nair¹, T. Mokhtari¹, J. M. Morton² ¹Stanford University School Of Medicine, Palo Alto, CA, USA ²Stanford University, General Surgery, Palo Alto, CA, USA

11.14. Combined Enterectomy and Colectomy for Acute Mesenteric Ischemia Doubles Mortality. J. M. Shellenberger¹, J. Clavenger¹, L. Hanley¹, S. Barnes¹, S. Ahmad¹ ¹University Of Missouri, Columbia, MO, USA

11.15. Delayed Cholecystectomy for Acute Calculous Cholecystitis – Drawbacks and Advantages. J. B. Yuval¹, H. Mazeh¹, I. Mizrahi¹, D. Weiss¹, G. Almogy¹, M. Bala¹, B. Siam¹, N. Simanovsky², E. Kuchuk¹, A. Eid¹, A. J. Pikarsky¹ ¹Hadassah-Hebrew University Medical Center, General Surgery, Jerusalem, N/A, Israel ²Hadassah-Hebrew University Medical Center, Radiology, Jerusalem, N/A, Israel

11.16. Ultrasound of Thigh Muscle Can Predict Frailty in Elderly Patients but Not Sarcopenia. O. Al-Kathiri¹, S. Y. Salim¹, L. M. Warkentin¹, A. Gallivan³, P. Tandon⁴, T. A. Churchill¹, V. E. Baracos³, R. G. Khadaroo^{1,2} ¹University Of Alberta, Div. General Surgery/ Dept. Surgery, Edmonton, ALBERTA, Canada ²University Of Alberta, Div. Critical Care Medicine/ Dept. Surgery, Edmonton, ALBERTA, Canada ³University Of Alberta, Department Of Oncology, Edmonton, ALBERTA, Canada ⁴University Of Alberta, Div. Gastroenterology/ Dept. Medicine, Edmonton, ALBERTA, Canada

11.17. Serum Albumin Predicts Adverse Outcomes in Patients Undergoing Elective Colectomy for Benign Lesions. O. Trofymenko¹, E. Telemi¹, R. Venkat¹, V. Nfonsam¹ ¹University Of Arizona, Surgery, Tucson, AZ, USA

11.18. Monitored Anesthesia Care Versus General Anesthesia in Umbilical Hernia Repairs: A NSQIP Analysis. M. M. Vu¹, R. D. Galiano¹, J. Souza¹, C. Du Qin¹, J. Y. Kim¹ ¹Northwestern University Feinberg School Of Medicine, Chicago, IL, USA

11.19. Pheochromocytoma with Synchronous Adrenal Cortical Adenoma. M. E. Hasassri³, T. K. Pandian¹, I. Bancos², W. F. Young², M. L. Richards¹, D. R. Farley¹, G. B. Thompson¹, T. J. McKenzie¹ ¹Mayo Clinic, Division Of Subspecialty General Surgery, Rochester, MN, USA ²Mayo Clinic, Division Of Endocrinology, Diabetes, Metabolism, And Nutrition, Department Of Internal Medicine, Rochester, MN, USA ³Mayo Clinic, Mayo Medical School, Rochester, MN, USA

11.20. Impact of Teaching Hospital Status on Thyroidectomy Outcomes. S. C. Pitt¹, M. A. Nehs², N. L. Cho², D. T. Ruan², F. D. Moore², A. A. Gawande² ¹University Of Wisconsin, Department Of Surgery, Madison, WI, USA ²Brigham And Women's Hospital, Department Of Surgery, Boston, MA, USA

11.21. Systematic Review of Emotional Intelligence in Surgical Education. G. Provenzano¹, R. Appelbaum², A. Bonaroti^{1,2}, M. Erdman^{1,2}, M. Browne² ¹University Of South Florida College Of Medicine, Tampa, FL, USA ²Lehigh Valley Health Network, Allentown, PA, USA

TUESDAY

WEDNESDAY

THURSDAY

7:30AM - 9:30AM

Integrated Quick Shots Session I

12. OUTCOMES/CLINICAL: GENERAL SURGERY 3

RIVER TERRACE 3

MODERATORS: Nestor Felix Esnaola, MD & Marc Anthony DeMoya, MD

TUESDAY

12.01. Urinary tract infection present at the time of surgery increases risk of postoperative complications. C. J. Pokrzywa¹, C. M. Papageorge², L. Durbak², G. D. Kennedy² ¹University Of Wisconsin, School Of Medicine And Public Health, Madison, WI, USA ²University Of Wisconsin, General Surgery, Madison, WI, USA

12.11. Recurrent inguinal hernia outcomes: A United States population based study (NIS Database 1988-2010) . S. Patil¹, R. Chamberlain^{1,2,3} ¹Saint Barnabas Medical Center, Surgery, Livingston, NJ, USA ²Saint George's University, Grenada, Grenada, Grenada ³Rutgers University, Surgery, Newark, NJ, USA

WEDNESDAY

12.02. Do suspicious USG Features and BRAF-V600E Mutation Correlate in Papillary Thyroid Cancer Patients? F. Murad¹, M. Anwar¹, Z. Al-Qurayshi¹, Z. Abd Elmageed¹, R. Kholmatov¹, K. Tsumagari¹, O. Emejulu¹, E. Kandil¹ ¹Tulane University School Of Medicine, Department Of Surgery, New Orleans, LA, USA

12.12. Outcomes of colorectal surgery performed after solid organ transplant; a single center experience. J. Kaplan¹, M. Lin¹, H. Chern¹, J. Yoo², J. Reza³, A. Sarin¹ ¹University Of California - San Francisco, Surgery, San Francisco, CA, USA ²University Of California - San Francisco, School Of Medicine, San Francisco, CA, USA ³University Of California - San Francisco, Anesthesiology, San Francisco, CALIFORNIA, USA

12.03. Preoperative Predictors of Discharge to a Higher Level of Care Following Colon Resection. A. N. Stump², C. M. Papageorge², G. D. Kennedy² ²University Of Wisconsin, Department Of Surgery, Madison, WI, USA

12.13. Obesity-Related Comorbidity Outcomes 4 Years After Gastric Bypass And Sleeve Gastrectomy In Veterans. I. Nassour^{1,3}, S. Kukreja^{1,3}, J. P. Almandoz², N. Puzifferi^{1,3} ¹University Of Texas Southwestern Medical Center, Surgery, Dallas, TX, USA ²University Of Texas Southwestern Medical Center, Endocrinology, Dallas, TX, USA ³VA North Texas Health Care System, Surgery, Dallas, TX, USA

THURSDAY

12.04. Early versus Late Hospital Readmission after Combined Major Surgical Procedures . Y. Kim¹, F. Gani¹, A. Ejaz², L. Xu¹, J. K. Canner¹, E. B. Schneider¹, T. M. Pawlik¹ ¹Johns Hopkins University School Of Medicine, Baltimore, MD, USA ²University Of Illinois At Chicago, Chicago, IL, USA

12.14. Transfusion is a Predictor of Worse Short-term Postoperative Outcomes Following Colectomy. C. M. Papageorge¹, G. D. Kennedy¹ ¹University Of Wisconsin, Department Of Surgery, Madison, WI, USA

12.05. The Need For Specialized Geriatric General Surgery Centers? A. A. Haider¹, P. Rhee¹, N. Kulvatunyou¹, T. O'Keefe¹, A. Tang¹, R. Latifi¹, G. Vercruyse¹, J. Mohler¹, M. Fain¹, B. Joseph¹ ¹University Of Arizona, Trauma Surgery, Tucson, AZ, USA

12.15. A predictive model for parathyroid autograft during thyroidectomy. J. Y. Liu¹, C. J. Weber¹, J. Sharma¹ ¹Emory University School Of Medicine, General Surgery, Atlanta, GA, USA

12.06. Outcomes of Resection of Locoregionally Recurrent Colon Cancer: A Systematic Review. T. Chesney¹, A. Nadler², S. A. Acuna^{3,4}, C. J. Swallow^{1,5} ¹University Of Toronto, Division Of General Surgery, Department Of Surgery, Toronto, ON, Canada ²Fox Chase Cancer Center, Department Of Surgical Oncology, Philadelphia, PA, USA ³University Of Toronto, Institute Of Health Policy, Management And Education, Toronto, ON, Canada ⁴St. Michael's Hospital, Li Ka Shing Knowledge Institute And Department Of Surgery, Toronto, ON, Canada ⁵Mount Sinai Hospital, Division Of General Surgery, Department Of Surgery, Toronto, ON, Canada

12.16. Effects of Anesthesia on Intraoperative Parathyroid Hormone Level in Thyroid and Parathyroid Surgery. D. S. Kim¹, A. E. Barber¹, R. C. Wang¹ ¹University Of Nevada School Of Medicine, Division Of Otolaryngology-Head And Neck Surgery, Department Of Surgery, Las Vegas, NV, USA

12.07. Resident Participation in Fixation of Intertrochanteric Hip Fractures: Analysis of the NSQIP Database. A. L. Neuwirth¹, M. G. Neuwirth¹, R. N. Stitzlein¹, R. R. Kelz¹, S. Mehta¹ ¹Hospital Of The University Of Pennsylvania, Philadelphia, PA, USA

12.17. Understanding the Clinical Implications of Resident Involvement in Uncommon Operations. S. Dasani¹, K. D. Simmons¹, E. Bailey¹, R. Hoffman¹, K. Collier¹, R. R. Kelz¹ ¹University Of Pennsylvania, Department Of Surgery, Philadelphia, PA, USA

12.08. Risk Factors For Postoperative Hematoma After Inguinal Hernia Repair: An Update. M. H. Zeb¹, M. M. El Khatib¹, A. Chandra¹, T. Pandian¹, N. D. Naik¹, D. S. Morris², R. L. Smoot¹, D. R. Farley¹ ¹Mayo Clinic, Division Of Subspecialty General Surgery, Rochester, MN, USA ²Mayo Clinic, Division Of Trauma Critical Care & General Surgery, Rochester, MN, USA

12.18. Combining Loss of Muscle Mass and Muscle Attenuation to Predict Outcomes following HPB Surgery. L. Xu¹, Y. Kim¹, F. Gani¹, G. A. Margonis¹, D. Wagner¹, S. Buttner¹, T. M. Pawlik¹ ¹Johns Hopkins University School Of Medicine, Surgery, Baltimore, MD, USA

12.09. Comparison of two- and three-dimensional display for performance of laparoscopic total gastrectomy. S. Kanaji¹, M. Nishi¹, H. Harada¹, M. Yamamoto¹, K. Kanemitsu¹, K. Yamashita¹, T. Oshikiri¹, Y. Sumi¹, T. Nakamura¹, S. Suzuki¹, Y. Kakeji¹ ¹Kobe University Graduate School Of Medicine, Division Of Gastrointestinal Surgery, Department Of Surgery, Kobe, HYOGO, Japan

12.19. Accidental Punctures and Lacerations in Hepatobiliary Operations: Two Methods of Analysis. A. Shmelev¹, A. M. Sill¹, K. W. Shaw¹, G. C. Kowdley¹, J. A. Sanchez¹, S. C. Cunningham¹ ¹Saint Agnes Hospital Center And Cancer Institute, Surgery, Baltimore, MD, USA

12.10. Location of Abnormal Parathyroid Glands: Lessons from 824 Parathyroidectomies. M. LoPinto¹, G. A. Rubio¹, Z. F. Khan¹, T. M. Vaghaiwalla¹, J. I. Lew¹ ¹University Of Miami, Division Of Endocrine Surgery, DeWitt Daughtry Family Department Of Surgery, Miami, FL, USA

12.20. Learning From Failure in The Modern Era: Results of Reoperative Surgery After Failed Parathyroidectomy.. S. Zaheer¹, L. Kuo¹, H. Wachtel¹, R. Roses¹, G. Karakousis¹, R. Kelz¹, D. Fraker¹ ¹Hospital Of The University Of Pennsylvania, Department Of Surgery, Philadelphia, PA, USA

MODERATORS: Ioannis Hatzaras, MD, MPH & T. Clark Gamblin, MD

13.02. Insurance Status, Not Race, is Associated with Use of Minimally Invasive Approach for Rectal Cancer. M. C. Turner¹, M. A. Adam¹, Z. Sun¹, J. Kim¹, B. Ezekian¹, C. Mantyh¹, J. Migaly¹ ¹Duke University Medical Center, Surgery, Durham, NC, USA

13.03. A National Study of Outcomes Associated with Conversion in Laparoscopic Colectomy for Colon Cancer. B. Yerokun¹, M. Adam¹, Z. Sun¹, J. Kim¹, S. Sprinkle¹, J. Migaly¹, C. Mantyh¹ ¹Duke University Medical Center, Department Of Surgery, Durham, NC, USA

13.04. Gastrointestinal Neuroendocrine Carcinoma is an Increasingly Common Cancer and Cause of Death. A. K. Idicula², S. Dissanaik², M. S. Wachtel¹ ²Texas Tech University Health Sciences Center, Surgery, Lubbock, TEXAS, USA ¹Texas Tech University Health Sciences Center, Pathology, Lubbock, TX, USA

13.05. External Radiation Improves Survival in Margin-Negative Stage II Pancreatic Adenocarcinoma. O. Kantor¹, W. Lutfi², M. S. Talamonti², C. H. Wang³, D. J. Winchester², R. A. Prinz², M. S. Baker² ¹University Of Chicago, Department Of Surgery, Chicago, IL, USA ²Northshore University Health System, Department Of Surgery, Evanston, IL, USA ³Northshore University Health System, Center For Biomedical Research Informatics, Evanston, IL, USA

13.06. Pediatric Papillary Thyroid Cancer Patients Referred to High Volume Centers Have Improved Outcomes. L. M. Young-wirth¹, M. A. Adam¹, S. M. Thomas¹, R. P. Scheri¹, S. A. Roman¹, J. A. Sosa¹ ¹Duke University Medical Center, Durham, NC, USA

13.07. Minimally Invasive Adrenalectomy for Adrenocortical Cancer: An Analysis of 506 Patients . M. A. Adam¹, S. A. Roman¹, J. A. Sosa^{1,2} ¹Duke University Medical Center, Department Of Surgery, Durham, NC, USA ²Duke Clinical Research Institute, Durham, NC, USA

13.08. ICU Utilization Following Major Cancer Resections Differs Between High and Low Mortality Hospitals. S. L. Revels¹, P. K. Park¹, J. D. Birkmeyer², S. L. Wong¹ ¹University Of Michigan, Ann Arbor, MI, USA ²Dartmouth Medical School, Lebanon, NH, USA

13.09. Trends in Neoadjuvant Therapy Utilization and Short-term Outcomes in Resected Pancreatic Cancer. K. A. Mirkin¹, C. Hollenbeck¹, N. Gusani¹, J. Wong¹ ¹Penn State Hershey Medical Center, General Surgery, Hershey, PA, USA

13.10. Incomplete Neoadjuvant Radiotherapy Is Associated With Inferior Survival For Rectal Cancer Patients. Z. Sun¹, M. A. Adam¹, J. Kim¹, M. Palta², B. G. Czito², J. Migaly¹, C. R. Mantyh¹ ¹Duke University Medical Center, Surgery, Durham, NC, USA ²Duke University Medical Center, Radiation Oncology, Durham, NC, USA

13.11. Modern Trends of Paget Disease of the Breast: A Report from the National Cancer Database. A. Hanna¹, D. Goto², S. Kesmodel¹, K. Tkaczuk¹, S. Feigenberg¹, D. Mullins², N. Hanna¹, E. Bellavance¹ ¹University Of Maryland, School Of Medicine, Baltimore, MD, USA ²University Of Maryland, School Of Pharmacy, Baltimore, MD, USA

13.12. Determining the Optimal Number of Lymph Nodes Harvested During Esophagectomy. A. Salem¹, R. Shridhar², K. Almhanna², S. Hoffe², E. Toloza², K. Meredith³ ³Florida State University College Of Medicine, Department Of Surgery, Tallahassee, FL, USA ¹University Of Wisconsin, Department Of Surgery, Madison, WI, USA ²Moffitt Cancer Center And Research Institute, Department Of Surgery, Tampa, FL, USA

13.13. Neoadjuvant Chemotherapy Changes Breast Surgery Patterns in Early Stage Breast Cancer. O. Kantor¹, C. Pesce², C. H. Wang³, E. Liederbach², D. J. Winchester², K. Yao² ¹University Of Chicago, Department Of Surgery, Chicago, IL, USA ²Northshore University Health System, Department Of Surgery, Evanston, IL, USA ³Northshore University Health System, Center For Biomedical Research Informatics, Evanston, IL, USA

13.14. Intraoperative Blood Loss: Impact on Long-Term Outcomes After Colorectal Liver Metastases Resection. G. MARGONIS¹, Y. Kim¹, F. Gani¹, T. M. Pawlik¹ ¹Johns Hopkins University School Of Medicine, Surgery, Baltimore, MD, USA

13.15. Predicting The Need For Perioperative Transfusion In Liver Surgery. M. Mavros^{1,2}, A. Ejaz³, Y. Kim², F. Gani², T. M. Pawlik² ¹MedStar Washington Hospital Center, Surgery, Washington, DC, USA ²Johns Hopkins University School Of Medicine, Surgery, Baltimore, MD, USA ³University Of Illinois At Chicago, Surgery, Chicago, IL, USA

13.16. Frailty is a Predictor of Postoperative Morbidity and Mortality after Colectomy for Cancer . O. Trofymentko¹, R. Venkat¹, E. Telemi¹, V. Nfonsam¹ ¹University Of Arizona, Surgery, Tucson, AZ, USA

13.17. Location and Nodal Status Predict Survival for High-grade Gastrointestinal Neuroendocrine Tumors. C. Mosquera¹, N. J. Koutlas¹, N. A. Vohra¹, T. L. Fitzgerald¹ ¹East Carolina University Brody School Of Medicine, Surgical Oncology, Greenville, NC, USA

13.18. Circulating Tumor Cells and Relapse in Stage IV Cutaneous Melanoma Patients. C. Hall¹, M. Ross¹, M. Karhade¹, J. B. Bauldry¹, J. Upshaw¹, R. Royal¹, L. Valad¹, A. Lucci¹ ¹University Of Texas MD Anderson Cancer Center, Department Of Surgical Oncology, Houston, TX, USA

13.19. Which Margin-Negative Patients Will Have Occult Disease?: Results from the SHAVE Trial. A. B. Chagpar¹, N. Horowitz¹, B. Killelea¹, T. Tsangaris², M. Butler¹, K. Stavis¹, V. Bossuyt¹, M. Harigopal¹, F. Li¹, X. Yao¹, S. Evans¹, E. Hofstatter¹, T. Sanft¹, D. Lannin¹, M. Abu-Khalaf¹, L. Wilson¹, L. Pusztai¹ ²Thomas Jefferson University, Surgery, Philadelphia, PA, USA ¹Yale University, New Haven, CT, USA

13.20. SPECT/CT Improves SLN Yield and Nodal Positivity Rate in Head and Neck Melanoma . B. C. Chapman¹, A. Panizza¹, J. Merkow¹, J. J. Kwak², P. Koo², B. Bagrosky², N. Pearlman¹, C. Gajdos¹, M. McCarter¹, N. Kounalakis¹ ¹University Of Colorado School Of Medicine, Department Of Surgery, Aurora, CO, USA ²University Of Colorado School Of Medicine, Department Of Radiology, Aurora, CO, USA

13.21. Weighing the Oncogenic Role of the A-Kinase Anchor Protein-12 in Pancreatic Cancer. M. Beveridge¹, D. Delitto¹, J. Trevino¹, G. A. Sarosi^{1,2}, S. J. Hughes¹, R. M. Thomas^{1,2} ¹University Of Florida, College Of Medicine, Department Of Surgery, Gainesville, FL, USA ²NF/SG Veterans Health System, Department Of Surgery, Gainesville, FL, USA

7:30AM - 9:30AM

Integrated Quick Shots Session I

14. OUTCOMES/CLINICAL: ONCOLOGY 2

ST. JOHNS

MODERATORS: Sam Pappas, MD & Jason Sicklick, MD

14.01. *JSS ABSTRACT: A New Index "Air-Bubble Sign" for Early Detection of Anastomotic Leakage After Esophagectomy. Y. Shoji¹, H. Takeuchi¹, H. Kawakubo¹, K. Fukuda¹, R. Nakamura¹, T. Takahashi¹, N. Wada¹, Y. Kitagawa¹ ¹Keio University, School Of Medicine, Department Of Surgery, Tokyo, TOKYO, Japan

14.02. Impact of Minimally Invasive Distal Pancreatectomy on Use of Chemotherapy for Cancer and Survival . K. L. Anderson¹, M. A. Adam², S. Thomas³, S. A. Roman², J. A. Sosa^{2,4} ¹Duke University School Of Medicine, Durham, NC, USA ²Duke University Medical Center, Department Of Surgery, Durham, NC, USA ³Duke University, Department Of Biostatistics, Durham, NC, USA ⁴Duke Clinical Research Institute, Durham, NC, USA

14.03. Comparative Outcomes Among Surgical and Ablative Treatments for Small Localized Renal Cell Carcinoma. T. Wittmann¹, S. Best¹, S. Wells¹, T. Ziemiencicz¹, J. L. Hinshaw¹, M. Lubner¹, F. Shi¹, F. T. Lee¹, S. Nakada¹, E. J. Abel¹ ¹University Of Wisconsin School Of Medicine And Public Health, Madison, WI, USA

14.04. Preoperative Radiation Compared with Surgery Alone in the Treatment of Retroperitoneal Sarcomas.. A. Porpiglia¹, j. M. Farma¹, M. Von Mehren¹, S. Movva¹, P. R. Anderson¹, A. S. Patchefsky¹, S. Reddy¹ ¹Fox Chase Cancer Center, Surgical Oncology, Philadelphia, PA, USA

14.05. Utility Of The "Mini-Shave" Technique In Reducing Positive Margin Rates After Partial Mastectomy. J. Hanna¹, D. Lannin¹, M. Butler¹, A. B. Chagpar¹ ¹Yale University, Surgery, New Haven, CT, US

14.06. Using Administrative Claims to Understand Care Coordination and Treatment in Stage III Colon Cancer. R. L. Hoffman¹, K. D. Simmons¹, C. B. Aarons¹, R. R. Kelz¹ ¹University Of Pennsylvania, Philadelphia, PA, USA

14.07. Hand-Assisted Laparoscopic Vs Open Colectomy Improves Outcomes Without Increasing Operative Time. C. T. Ong¹, Z. Sun¹, M. A. Adam¹, J. Kim¹, B. F. Gilmore¹, B. Ezekian¹, U. P. Nag¹, C. R. Mantyh¹, J. Migaly¹ ¹Duke University Medical Center, Durham, NC, USA

14.08. Predictors of Unplanned 30-Day Reoperation after Pancreatic Resection. H. G. Lyu², G. Sharma^{1,2}, E. Brovman², R. Urman², J. S. Gold^{2,3}, E. E. Whang^{2,3} ¹Dana Farber Cancer Institute, Surgical Oncology, Boston, MA, USA ²Brigham And Women's Hospital, Surgery, Boston, MA, USA ³VA Boston Health-care System, Surgery, West Roxbury, MA, USA

14.09. Survival is Related to Neutrophil/Lymphocyte Ratio after Neoadjuvant Therapy in Pancreatic Cancer. E. S. Glazer¹, O. Rashid¹, J. Pimiento¹, P. J. Hodul¹, M. P. Malafa¹ ¹Moffitt Cancer Center, Gastrointestinal Oncology, Tampa, FL, USA

14.11. Features of Eligible Nipple-Sparing Mastectomy Patients Declining Nipple Preservation. L. A. Dossett^{1,2}, J. Lowe¹, W. Sun¹, C. Lee¹, P. D. Smith^{1,2}, C. Laronga¹ ¹Moffitt Cancer Center And Research Institute, Comprehensive Breast Program, Tampa, FL, USA ²University Of South Florida College Of Medicine, Tampa, FL, USA

14.12. Gallbladder Carcinoma in the United States: Epidemiology and Outcomes Involving 14,903 Patients . K. Mahendraraj¹, C. S. Lau^{1,3}, R. S. Chamberlain^{1,2,3} ¹Saint Barnabas Medical Center, Surgery, Livingston, NJ, USA ²New Jersey Medical School, Surgery, Newark, NJ, USA ³Saint George's University, Grenada, Grenada, Grenada

14.13. Laparoscopic Colectomy for Cancer: Improved Compliance with Guidelines for Chemotherapy and Survival. R. H. Kim¹, Q. D. Chu¹, G. C. Caldito² ¹Louisiana State University Health Sciences Center - Shreveport, Surgical Oncology, Shreveport, LA, USA ²Louisiana State University Health Sciences Center - Shreveport, Neurology, Shreveport, LA, USA

14.14. Defining the Impact of Malnutrition on the GI Surgical Patient with a Standardized Evaluation. C. Mosquera¹, N. J. Koutlas¹, K. Chandra¹, N. A. Vohra¹, E. E. Zervos¹, A. Strickland¹, F. L. Timothy¹ ¹East Carolina University Brody School Of Medicine, Division Of Surgical Oncology, Greenville, NC, USA

14.16. Increasing Extent Of Treatment For Differentiated Thyroid Cancers. J. A. Davies¹, G. Levenson¹, C. J. Balentine¹, S. C. Pitt¹, R. S. Sippel¹, D. F. Schneider¹ ¹University Of Wisconsin Madison School Of Medicine And Public Health, Section Of Endocrine Surgery, Department Of Surgery, Madison, WI, USA

14.17. Utilization of Preoperative Endoscopic Ultrasound for Pancreatic Adenocarcinoma. R. K. Schmocker¹, D. J. Vanness², C. C. Greenberg¹, H. B. Neuman¹, E. R. Winslow¹ ¹University Of Wisconsin, Surgery, Madison, WI, USA ²University Of Wisconsin, Population Health, Madison, WI, USA

14.18. Assessing Outcomes In Patients With Colon Cancer: The Effect Of Increasing Age. J. Harkins¹, V. Pandit¹, V. Nfonso¹ ¹The University Of Arizona, Surgery, Tucson, ARIZONA, USA

14.19. Technique of Ablation of Primary Liver Tumors Influences Peri-Operative Outcomes. N. G. Berger¹, R. Rajeev¹, S. Tsai¹, K. K. Christians¹, F. M. Johnston¹, T. C. Gamblin¹, K. K. Turaga¹ ¹Medical College Of Wisconsin, Department Of Surgery, Division Of Surgical Oncology, Milwaukee, WI, USA

14.20. External Beam Radiation Does Not Improve Survival in Locally Advanced, Differentiated Thyroid Cancer. J. M. Lee¹, R. Cress¹, Y. Chen¹, W. T. Shen², M. J. Campbell¹ ¹University Of California - Davis, Sacramento, CA, USA ²University Of California - San Francisco, San Francisco, CA, USA

14.22. Identification of actionable genes for nine cancer types using microarray and a large-scale WGCNA. J. Yu¹, G. Zhou¹, S. Liu¹, R. Sanchez¹, R. Damoiseaux², F. C. Brunicaudi¹ ¹University Of California At Los Angeles, Department Of Surgery, David Geffen School Of Medicine, Los Angeles, CA, USA ²University Of California At Los Angeles, Department Of Physiology, David Geffen School Of Medicine, Los Angeles, CA, USA

TUESDAY

WEDNESDAY

THURSDAY



7:30AM - 9:30AM

Integrated Quick Shots Session I

15. OUTCOMES/CLINICAL: TRAUMA/CRITICAL CARE 1

HOSPITALITY SUITE 4104

MODERATORS: Bellal Joseph, MD & Sudha Jayaraman, MD, MSc

15.01. Trauma Patients Who Present in a Delayed Fashion:

a Unique and Challenging Population. M. J. Kao¹, H. Nunez¹, A. H. Stephen¹, S. F. Monaghan¹, S. N. Lueckel¹, D. J. Heffernan¹, C. A. Adams¹, W. G. Cioffi¹ ¹Alpert Medical School Of Brown University, Rhode Island Hospital, Division Of Trauma And Surgical Critical Care, Department Of Surgery, Providence, RI, USA

15.03. Thromboelastography is Superior to the Platelet Function Assay-100 in Detecting Clopidogrel

. A. Bartels¹, C. Jones¹, A. Scott¹, J. Coberly¹, S. L. Barnes¹, R. D. Hammer¹, S. Ahmad¹ ¹University Of Missouri, Columbia, MO, USA

15.04. Does Universal Insurance Attenuate Racial Disparities in Trauma Outcomes?

. L. M. Kodadek¹, W. Jiang², C. K. Zogg², S. R. Lipsitz², J. S. Weissman², Z. Cooper², A. Salim², S. L. Nitzschke², L. L. Nguyen², L. A. Helmchen³, L. Kimsey⁴, S. T. Olaiya⁴, P. A. Learn⁴, A. H. Haider² ³George Mason University, Department Of Health Administration And Policy, Fairfax, VA, USA ⁴Uniformed Services University Of The Health Sciences, Bethesda, MD, USA ¹Johns Hopkins University School Of Medicine, Surgery, Baltimore, MD, USA ²Brigham And Women's Hospital, Center For Surgery And Public Health, Boston, MA, USA

15.05. Trauma Resuscitation Teams Add Little to the Initial Treatment of Ground Level Falls.

D. Kim¹, A. Lai¹, S. Lorch¹, C. Kapsalis¹, D. Ciesla¹ ¹University Of South Florida College Of Medicine, Tampa, FL, USA

15.06. Disparities in Failure to Rescue for Injured Patients.

D. Metcalfe¹, C. K. Zogg¹, J. W. Scott¹, O. A. Olufajo¹, A. H. Haider¹, J. M. Havens¹, A. J. Rios Diaz¹, B. Yorkgitis¹, A. Salim¹ ¹Harvard Medical School, Center For Surgery And Public Health, Boston, MA, USA

15.07. Shark Attack Related Injuries: Implications for Surgeons.

J. A. Ricci¹, C. R. Vargas¹, O. A. Ho¹, D. Singhal², B. T. Lee¹ ¹Beth Israel Deaconess Medical Center, Division Of Plastic Surgery, Boston, MA, USA ²University Of Florida Health System, Division Of Plastic Surgery, Gainesville, FL, USA

15.08. VTE Chemical Prophylaxis For Traumatic Neurosurgical Injuries: Finding The Balance.

B. M. Tracy¹, C. O'Neal¹, J. Dunne¹ ¹Memorial University Medical Center, Surgery, Savannah, GA, USA

15.09. Surgery for Patients In Extremis: Reasonable Care or Surgical Futility?.

N. D. Martin¹, S. P. Patel¹, K. Chreiman¹, J. Pascual¹, D. N. Holena¹, B. Braslow¹, P. M. Reilly¹, L. Kaplan¹ ¹University Of Pennsylvania, Department Of Surgery, Philadelphia, PA, USA

15.10. Assessing Clot Strength Using Thromboelastography: Are There Coagulopathies After Burn Injury.

J. N. Luker^{1,2}, J. D. Karalis², S. Tejiram^{1,2}, J. Zhang², K. M. Johnson², L. T. Moffatt², M. M. McLawhorn², J. W. Shupp^{1,2} ¹MedStar Washington Hospital Center, Burn Center, Department Of Surgery, Washington, DC, USA ²MedStar Health Research Institute, Firefighters' Burn And Surgical Research Laboratory, Washington, DC, USA

15.11. Rib Fracture Number Thresholds Independently Predict Worse Outcomes in Older Adults.

N. O. Shulzhenko¹, H. Jung¹, M. V. Beems¹, T. J. Zens¹, A. P. O'Rourke¹, A. E. Liepert¹, J. E. Scarborough¹, S. K. Agarwal¹ ¹University Of Wisconsin, Department Of Surgery, Madison, WI, USA

15.12. The Potential for Trauma Quality Improvement: One Hundred Thousand Lives in Five Years.

Z. G. Hashmi¹, S. Zafar², T. Genuit¹, E. R. Haut⁴, D. T. Efron⁴, J. Havens³, Z. Cooper³, A. Salim³, E. E. Cornwell III², A. H. Haider³ ¹Sinai Hospital Of Baltimore, Department Of Surgery, Baltimore, MD, USA ²Howard University Hospital, Department Of Surgery, Washington, DC, USA ³Brigham And Women's Hospital, Department Of Surgery, Boston, MA, USA ⁴Johns Hopkins University School Of Medicine, Department Of Surgery, Baltimore, MD, USA

15.13. 10-Year Analysis of Crystalloid Resuscitation after Traumatic Brain Injury.

A. Ko¹, G. Barmparas¹, B. J. Sun¹, E. Smith¹, M. Y. Harada¹, E. Chen¹, D. Mehrzadi¹, E. J. Ley¹ ¹Cedars-Sinai Medical Center, Division Of Trauma And Critical Care, Los Angeles, CA, USA

15.15. Pre-hospital Tourniquets for Severe Extremity Injury: Decreased Mortality from Hemorrhage

. M. Scerbo¹, J. B. Holcomb¹, K. Gates¹, B. A. Cotton¹ ¹University Of Texas Health Science Center At Houston, Houston, TX, USA

15.16. Rural Risk: Geographic Disparities in Trauma Mortality.

M. P. Jarman¹, R. C. Castillo¹, A. R. Carlini¹, A. H. Haider² ¹Johns Hopkins University School Of Public Health, Health Policy, Baltimore, MD, USA ²Brigham And Women's Hospital, Surgery, Boston, MA, USA

15.17. Trends and Outcomes in the Management of Vascular Injuries: Open vs. Endovascular Approaches.

B. K. Richmond¹, A. F. AbuRahma¹ ¹West Virginia University/Charleston Division, Department Of Surgery, Charleston, WV, USA

15.18. Factors Affecting On-Field Triage Decisions and Resource Utilization.

P. P. Parikh¹, B. Zoll¹, P. Parikh¹, K. Hendershot¹, M. Whitmill¹, T. Erskine², S. Schmidt², R. Woods¹, J. Saxe¹ ¹Wright State University, Dayton, OH, USA ²Emergency Medical Services, Ohio Department Of Public Safety, Columbus, OH, USA

15.19. Prospective Observational Study of Point-of-care Creatinine in Trauma.

A. J. Carden¹, E. Salcedo¹, N. Tran¹, E. Gross¹, J. Mattice¹, J. Shepard¹, J. Galante¹ ¹University Of California - Davis, Sacramento, CA, USA

15.20. Level 1 Trauma Centers: More is Not Necessarily Better.

J. C. He², L. A. Kreiner², N. Sajankila¹, D. L. Allen³, J. A. Claridge² ¹Case Western Reserve University School Of Medicine, Cleveland, OH, USA ²MetroHealth Medical Center, Department Of Surgery, Cleveland, OH, USA ³Northern Ohio Trauma System, Cleveland, OH, USA

15.21. Description of Orthopedic Injuries Following Urban Bicycle Trauma.

R. 7. Beyene¹, S. M. Kettle¹, R. Golden¹, D. Milzman¹, J. A. Sava¹ ¹MedStar Washington Hospital Center, Washington, DC, USA

TUESDAY

WEDNESDAY

THURSDAY

7:30AM - 9:30AM

Integrated Quick Shots Session I

16. OUTCOMES/CLINICAL: TRAUMA/CRITICAL CARE 2

HOSPITALITY SUITE 4106

MODERATORS: Dennis Yong Kim, MD & Marc Anthony DeMoya, MD

16.01. Socioeconomic Status Effects Outcome of Traumatic Brain Injury. K. McQuiston¹, H. Jung¹, T. Zens¹, M. Beems¹, G. Levenson¹, A. O'Rourke¹, A. Liepert¹, J. Scarborough¹, S. Agarwal¹ ¹University Of Wisconsin,Surgery,Madison, WI, USA

16.03. Understanding Large Database Research: Comparison of Trauma Injuries Captured in NTDB, NIS and NEDS. C. K. Zogg¹, J. W. Scott¹, L. L. Wolf¹, O. A. Olufajo¹, A. J. Rios Diaz¹, D. Metcalfe¹, M. Chaudhary¹, A. A. Shah^{1,2}, J. M. Havens¹, S. L. Nitzschke¹, Z. Cooper¹, A. Salim¹, A. H. Haider¹ ²Division Of General Surgery, Mayo Clinic,Scottsdale, AZ, USA ¹Center For Surgery And Public Health, Harvard Medical School & Harvard School Of Public Health, Department Of Surgery, Brigham And Women's Hospital,Boston, MA, USA

16.04. Non-Operative Management of Splenic Injuries: ICU Utilization and Mortality in a State Trauma System. E. J. Kaufman^{1,2}, D. N. Holena¹ ¹University Of Pennsylvania,Perelman School Of Medicine,Philadelphia, PA, USA ²New York Presbyterian Hospital,Department Of Surgery,New York, NY, USA

16.05. Increasing Incidence of Multiple Drug Resistant Gram Negative Bacteria in a Pediatric Burn Population. P. H. Chang^{1,2,3}, P. H. Chang^{1,2,3} ¹Shriners Hospitals For Children-Boston,Boston, MA, USA ²Massachusetts General Hospital,Boston, MA, USA ³Harvard Medical School,Boston, MA, USA

16.06. Litigation Following Injury And The Effects On Quality Of Life. F. R. Rutigliano¹, T. M. Bell¹, B. L. Zarzaur¹ ¹Indiana University School Of Medicine,Department Of Surgery, Center For Outcomes Research In Surgery,Indianapolis, IN, USA

16.07. Risk Factors for Colonic Suture Line Failure in Patients Undergoing Emergent Trauma Laparotomy. R. W. Beach¹, R. A. Lawless¹, M. K. McNutt¹, L. J. Moore¹, B. A. Cotton¹, C. E. Wade¹, J. B. Holcomb¹, J. A. Harvin¹ ¹University Of Texas Health Science Center At Houston,Acute Care Surgery,Houston, TX, USA

16.08. Patients with TBI-Related Coagulopathy have more Profound Disturbances in Tissue Perfusion Markers. S. E. Dekker¹, H. M. De Vries¹, A. Duvekot¹, L. M. Geeraedts², S. M. Peerdeman³, M. C. De Waard⁴, P. Schober¹, C. Boer¹ ¹VU University Medical Center,Anesthesiology,Amsterdam, NH, Netherlands ²VU University Medical Center,Surgery,Amsterdam, NH, Netherlands ³VU University Medical Center,Neurosurgery,Amsterdam, NH, Netherlands ⁴VU University Medical Center,Intensive Care,Amsterdam, NH, Netherlands

16.09. Using a Centrally Located Rotational Thromboelastometry (ROTEM) to Guide Trauma Resuscitations. M. W. Cripps¹, C. T. Minshall¹, B. Williams¹, A. Eastman¹, R. Sarode¹ ¹University Of Texas Southwestern Medical Center,Burn/Trauma/Critical Care,Dallas, TX, USA

16.10. Not All Failure-to-Rescue Events in Trauma Are Preventable. L. Kuo¹, E. Kaufman², J. Pascual¹, P. Reilly¹, N. Martin¹, P. Kim¹, D. N. Holena¹ ¹Hospital Of The University Of Pennsylvania,Surgery,Philadelphia, PA, USA ²Cornell University,Ithaca, NY, USA

16.11. Determinants of Mortality in Post-traumatic Sepsis: An Analysis of the National Trauma Data Bank. J. O. Hwabejire¹, C. E. Nembhard¹, T. A. Oyetunji², T. Seyoum¹, S. M. Siram¹, E. E. Cornwell¹, W. R. Greene¹ ¹Howard University College Of Medicine,Surgery,Washington, DC, USA ²Children's Mercy Hospital,Surgery,Kansas City, MO, USA

16.12. Admission Lactate Predicts Massive Transfusions in Hemodynamically Normal Patients. M. A. Brooke^{1,2}, L. Yeung^{1,2}, E. Miralflor^{1,2}, G. Arturo^{1,2}, G. Victorino^{1,2} ¹University Of California - San Francisco,General Surgery,San Francisco, CA, USA ²Highland Hospital,General Surgery,Oakland, CA, USA

16.13. Prevalence and Outcomes of Pulmonary Contusions in a Suburban County Following Blunt Trauma. R. S. Jawa¹, J. E. McCormack¹, E. C. Huang¹, M. J. Shapiro¹, J. A. Voss-winkel¹ ¹Stony Brook University Medical Center,Trauma,Stony Brook, NY, USA

16.14. Subdural Hematoma may be a Risk Factor for Hemorrhage Expansion after Initiation of Antithrombotics. J. Pattison², U. Pandya¹ ¹Grant Medical Center,Trauma Services,Columbus, OH, USA ²Ohio University College Of Osteopathic Medicine,Heritage College Of Medicine,Athens, OH, USA

16.15. Cervical Spine Injury and Mandibular Fractures: When is the Lifesaver Broken in Two Spots?. T. Soleimani¹, T. A. Evans¹, S. I. Fernandez¹, L. Spera², R. Sood¹, C. Klene¹, B. L. Zarzaur², S. S. Tholpady¹ ²Indiana University School Of Medicine,Department Of Surgery,Indianapolis, IN, USA ¹Indiana University School Of Medicine,Division Of Plastic Surgery,Indianapolis, IN, USA

16.16. meld score is associated with mortality in non-cirrhotic patients following hemorrhagic shock. J. O. Hwabejire¹, C. Nembhard¹, E. Cornwell¹, W. Greene¹ ¹Howard University College Of Medicine,Washington, DC, USA

16.17. TRAUMATIC BRAIN INJURIES: OUTCOMES COMPARING INTRACRANIAL PRESSURE (ICP) MONITORING VERSUS PbtO2. J. C. Haynes¹, C. Lawson¹, B. Daley¹ ¹University Of Tennessee Medical Center At Knoxville,Surgery,Knoxville, TN, USA

16.18. Is it Cool to Cool Post Cardiac Arrest Trauma Patients?. S. H. Asfaw¹, N. D. Martin¹, M. J. Seamon¹, J. L. Pascual¹, C. A. Sims¹, P. M. Reilly¹, D. N. Holena¹ ¹University Of Pennsylvania,Traumatology, Surgical Critical Care And Emergency General Surgery,Philadelphia, PA, USA

16.19. Is Routine Continous Electroencephalography for Traumatic Brain Injury Beneficial?. L. Aquino¹, M. Y. Harada¹, A. Ko¹, E. J. Ley¹, D. R. Margulies¹, R. F. Alban¹ ¹Cedars-Sinai Medical Center,Division Of Trauma And Critical Care,Los Angeles, CA, USA

16.20. Injury as a Risk Factor for Overall Mortality in Elderly Americans. C. M. Psoinos¹, J. M. Flahive¹, F. Anderson¹, H. P. Santry¹ ¹University Of Massachusetts Medical School,Surgery,Worcester, MA, USA

16.21. Elucidation of the Temporal Response to Tranexamic Acid Administration following Shock. M. Diebel¹, D. Liberati¹, J. Liberati¹, L. Diebel¹ ¹Wayne State University,Department Of Surgery/School Of Medicine,Detroit, MI, USA

TUESDAY

WEDNESDAY

THURSDAY

7:30AM - 9:30AM

Integrated Quick Shots Session I

17. OUTCOMES/CLINICAL: TRAUMA/CRITICAL CARE 3

HOSPITALITY SUITE 4108

MODERATORS: Ziad C. Sifri, MD & Akpofure Peter Ekeh, MD

- 17.01. Scooter and Moped Crash Injuries: Time Matters.** K. E. Moldowan¹, D. R. Fraser¹, N. D. Fulkerson¹, D. A. Kuhls¹ ¹University Of Nevada School Of Medicine, Division Of Acute Care Surgery, Las Vegas, NV, USA
- 17.02. Method of Hypertonic Saline Administration: Effects on Osmolality in Traumatic Brain Injury Patients.** K. Maguigan¹, B. M. Dennis², S. Hamblin¹, O. Guillaumondegui² ¹Vanderbilt University Medical Center, Department Of Pharmaceutical Services, Nashville, TN, USA ²Vanderbilt University Medical Center, Division Of Trauma And Surgical Critical Care, Nashville, TN, USA
- 17.03. Morphometric Roadmaps to Improve Device Delivery For Fluoroscopy-Free Balloon Occlusion of the Aorta.** J. N. MacTaggart¹, W. Poulson¹, M. Akhter¹, A. Seas¹, K. Thorson¹, N. Phillips¹, A. Desyatova¹, A. Kamenskiy¹ ¹University Of Nebraska College Of Medicine, Surgery, Omaha, NE, USA
- 17.04. Optimization of Surgeon Resources: Reducing Overtriage Rates in Pediatric Trauma** . H. Naseem², N. Pantano¹, K. D. Bass^{1,2} ¹State University Of New York At Buffalo, College Of Medicine, Buffalo, NY, USA ²Women And Children's Hospital Of Buffalo, Department Of Pediatric Surgery, Buffalo, NY, USA
- 17.05. Timing of Tracheostomy and its Association with Length of Stay and Mortality.** Z. Wells², M. Bascom², Z. Gauthier², M. Suh², B. Meloro², A. Lopez², M. Goodwin⁴, A. H. Parsikia¹, J. A. Ortiz⁴, P. S. Leung¹, A. R. Joshi^{1,3} ¹Einstein Healthcare Network, Surgery, Philadelphia, PA, USA ²Philadelphia College Of Osteopathic Medicine, Philadelphia, PA, USA ³Jefferson Medical College, Surgery, Philadelphia, PA, USA ⁴University Of Toledo, Surgery, Toledo, OH, USA
- 17.06. Not as Futile as We Think: Age Adjusted Outcomes After Craniotomy for T.B.I. in the Elderly.** S. R. Moradian^{1,2}, Q. Dang^{1,2}, I. Puente², J. Catino², F. Habib², L. Zucker², M. Bukur² ¹Larkin Community Hospital, General Surgery, Miami, FL, USA ²Delray Medical Center, Trauma Surgery, Delray Beach, FL, USA
- 17.07. Should Prior Anticoagulant use After Blunt Minor Head Trauma Result in Immediate Trauma Evaluation?** J. A. Simon^{1,2,3}, J. Catino^{1,2}, L. Zucker¹, S. Evans¹, I. Puente^{1,2}, F. Habib^{1,2}, M. Bukur^{1,2} ¹Delray Medical Center, Trauma Surgery, Delray Beach, FL, USA ²Broward General Medical Center, Trauma Surgery, Fort Lauderdale, FL, USA ³Larkin Community Hospital, General Surgery, South Miami, FL, USA
- 17.08. Effect of Geospatial Organization of Trauma System Resources on Injury Mortality in Pennsylvania.** J. B. Brown¹, M. R. Rosengart¹, T. R. Billiar¹, A. B. Peitzman¹, J. L. Sperry¹ ¹University Of Pittsburgh, Surgery, Pittsburgh, PA, USA
- 17.09. The Influence of Poverty Level on Urban Versus Rural Trauma Patients.** P. J. Schenarts¹, R. Cooper¹, L. Schlitzkus¹, K. Buesing¹, C. Evans¹, M. Goede¹, J. Stothert¹ ¹University Of Nebraska, Acute Care Surgery, Omaha, NE, USA
- 17.11. Resuscitative Thoracotomy for Traumatic Arrest, an Analysis of a National Trauma Dataset** . K. Williams¹, S. N. Zafar¹, Z. Hashmi², N. Changoor¹, S. A. Zafar³, J. Hwabejire¹, A. Haider⁴, E. E. Cornwell¹ ¹Howard University College Of Medicine, Surgery, Washington, DC, USA ²Sinai Hospital, Baltimore, MD, USA ³University Hospital Limerick, Surgery, Limerick, Ireland ⁴Brigham And Women's Hospital, Boston, MA, USA
- 17.12. Sports and Recreation-Related Ocular Injuries.** R. S. Haring^{1,2,3,4}, I. D. Sheffield⁵, J. K. Canner³, A. H. Haider^{1,2}, E. B. Schneider^{1,2,3,4} ¹Harvard School Of Medicine, Brookline, MA, USA ²Brigham And Women's Hospital, Center For Surgery And Public Health, Boston, MA, USA ³Johns Hopkins University School Of Medicine, Johns Hopkins Surgery Center For Outcomes Research, Baltimore, MD, USA ⁴Johns Hopkins Bloomberg School Of Public Health, Dept. Of Health Systems And Policy, Baltimore, MD, USA ⁵Brigham Young University, Provo, UT, USA
- 17.13. Implanted Cardioverter Defibrillators and Pacemakers: Prevalence and Outcomes After Geriatric Trauma.** M. Altieri¹, I. Almasry², M. J. Shapiro¹, J. A. Vosswinkel¹, J. E. McCormack¹, E. C. Huang¹, P. Eckardt³, R. S. Jawa¹ ¹Stony Brook University Medical Center, Trauma, Stony Brook, NY, USA ²Stony Brook University Medical Center, Cardiology, Stony Brook, NY, USA ³Stony Brook University Medical Center, Nursing, Stony Brook, NY, USA
- 17.14. Predicting The Need For Surgical Intervention In Acute Pancreatitis.** M. Magarakis¹, N. M. Vranis¹, B. Bruns¹, R. B. Tesoriero¹, S. Sivaraman¹, C. A. Sadler¹, H. Desai¹, J. Diaz¹ ¹University Of Maryland, Acute Care Emergency Surgery, Baltimore, MD, USA
- 17.15. Cirrhosis and Traumatic Brain Injury: Survival and Discharge to Independent Living are Unlikely.** B. Chung¹, P. Miller¹, J. J. Hoth¹ ¹Wake Forest University School Of Medicine, General Surgery, Winston-Salem, NC, USA
- 17.17. Variation In MRI Use For Cervical Spine Clearance In Obtunded Blunt Trauma Patients.** A. Albaghdadi¹, J. Canner¹, E. B. Schneider¹, C. B. Feather¹, J. Odden¹, E. R. Haut¹ ¹Johns Hopkins University School Of Medicine, Baltimore, MD, USA
- 17.18. Limitations Of PPV-Driven Models Of ACS Trauma Triage Criteria.** M. Mukit¹, B. A. Asif¹, M. Subrize¹, H. C. Thode¹, M. C. Henry¹ ¹Stony Brook University Medical Center, Stony Brook, NY, USA
- 17.19. Comparison of Clinical Outcomes after Extremity Vascular Repair Performed by Different Services.** A. Hassan¹, P. Rhee¹, A. A. Haider¹, N. Kulvatunyou¹, T. O'Keeffe¹, A. Tang¹, R. Latifi¹, L. Gries¹, G. Vercruyssen¹, F. Randall¹, B. Joseph¹ ¹University Of Arizona, Trauma, Tucson, AZ, USA
- 17.20. Myth Busting: The Use of Makeshift Tourniquets In Extremity Vascular Trauma.** A. A. Haider¹, B. Joseph¹, A. Hassan¹, N. Kulvatunyou¹, T. O'Keeffe¹, A. Tang¹, R. Latifi¹, G. Vercruyssen¹, D. J. Green¹, R. S. Friese¹, P. Rhee¹ ¹University Of Arizona, Trauma Surgery, Tucson, AZ, USA
- 17.21. The Impact of Do Not Resuscitate Status on Outcomes in Critically Injured Trauma Patients.** M. Kismet¹, T. Orouji¹, P. Rhee¹, T. O'Keeffe¹, N. Kulvatunyou¹, R. S. Friese¹, H. Phelan², B. A. Joseph¹ ¹University Of Arizona, Tucson, AZ, USA ²University Of Texas Southwestern Medical Center, Dallas, TX, USA
- 17.22. Building Trauma Capacity in Mozambique through Medical Student Education.** A. Merchant¹, C. Lyon¹, K. McQueen¹, M. Sidat², O. Gunter¹ ¹Vanderbilt University, Trauma And Surgical Critical Care, Nashville, TN, USA ²University Of Eduardo Mondlane, Maputo, MOZAMBIQUE, Mozambique

TUESDAY

WEDNESDAY

THURSDAY

7:30AM - 9:30AM

Integrated Quick Shots Session I

18. OUTCOMES/CLINICAL: GLOBAL SURGERY

CONFERENCE CENTER A

MODERATOR: Sherry M. Wren, MD

18.01. A Pilot Orthopedic Trauma Registry to Assess Needs and Disparities in Ugandan District Hospitals. D. K. Kisitu¹, L. Eyley², I. Kajja³, G. Waiswa³, T. Beyeza⁴, I. Feldhaus², C. Juillard², R. Dicker² ¹Mbarara University of Science And Technology, Department of Surgery, Mbarara, Uganda ²University of California, San Francisco, Center For Global Surgical Studies, Department of Surgery, San Francisco, CA, USA ³Makerere University College of Health Sciences, Department of Orthopaedics, Kampala, Uganda ⁴Mulago National Referral And Teaching Hospital, Kampala, Uganda

18.02. First glimpse at Wilms Tumor in Iraq: a Genetic and Epidemiologic Characterization. N. Corbitt², J. Pierce¹, B. Li³, Q. Wei³, R. Flores¹, H. Correa¹, S. Uccini⁴, H. Frangoul¹, A. Alsaadawi⁵, S. F. Al-Badri⁵, A. F. Al-Darraj⁵, R. M. Al-Saeed⁵, M. F. Al-Jadiry⁵, S. A. Al-Hadad⁵, H. N. Lovvorn¹ ¹Monroe Carell, Jr Childrens Hospital, Department of Pediatric Surgery, Nashville, Tennessee, USA ²Vanderbilt University Medical Center, Department of General Surgery, Nashville, Tennessee, USA ³Vanderbilt University School of Medicine, Department of Molecular Physiology and Biophysics, Nashville, Tennessee, USA ⁴Sapienza University, Department of Clinical and Molecular Medicine, Rome, Italy ⁵Childrens Welfare Teaching Hospital, Department of Pathology and Oncology, Baghdad, Iraq ⁶Wasit University College of Medicine, Oncology Department, Wasit, Iraq

18.03. Efficacy of TAP Block for Early Postoperative Analgesia after Open Cholecystectomy in LMICs. A. Mansoor¹, A. Scholer¹, B. D. Patrick¹, D. Grech¹, Z. C. Sifri¹ ¹New Jersey Medical School, Newark, NJ, USA

18.04. The Burden of Overly Complex Data: Simplification of the American Society of Anesthesiologists Score. J. D. Bohnen^{1,2}, G. A. Anderson^{1,3}, R. T. Spence^{2,4}, K. Ladha⁵, D. Chang^{1,2} ¹Massachusetts General Hospital, General Surgery, Boston, MA, USA ²Massachusetts General Hospital, Codman Center For Clinical Effectiveness In Surgery, Boston, MA, USA ³Harvard School of Medicine, Program For Global Surgery And Social Change, Brookline, MA, USA ⁴University of Cape Town, General Surgery, Cape Town, Western Cape, South Africa ⁵University of Toronto, Toronto General Hospital, Department of Anesthesia, Toronto, Ontario, Canada

18.05. Participant Evaluation of a Novel, Layperson Trauma First Responder Course in La Paz, Bolivia. T. E. Callese^{1,2}, S. K. Nelson¹, M. Boeck^{2,3,4}, S. J. Schuetz⁵, C. F. Bazan⁶, J. Mauricio P. Saavedra Laguna⁷, M. B. Shapiro⁵, N. M. Issa⁵, M. Swaroop^{2,5} ¹Wake Forest University School Of Medicine, Winston-Salem, NC, USA ²Northwestern University, Center For Global Health, Feinberg School Of Medicine, Chicago, IL, USA ³Brigham And Women's Hospital, Center For Surgery And Public Health, Boston, MA, USA ⁴New York Presbyterian Hospital, Columbia Department Of Surgery, New York City, NY, USA ⁵Northwestern University, Division of Trauma And Critical Care, Feinberg School Of Medicine, Chicago, IL, USA ⁶Arco Iris Hospital, La Paz, Bolivia ⁷Bolivian National Police, La Paz, Bolivia

18.06. Intestinal obstruction at a national referral hospital in a resource-poor area: a prospective study. A. Muzira¹, S. Kijjambu¹, P. Ongom¹, T. Luggya¹, D. Ozgediz² ¹Mulago Hospital, Kampala, Uganda ²Yale University School of Medicine, New Haven, CT, USA

18.07. Barriers and Facilitators to Surgical Care at a Regional Referral Hospital in Uganda. O. C. Nwanna-Nzewunwa¹, M. Ajiko², F. Kirya², J. Epodoi², F. Kabagenyi², I. Feldhaus¹, R. A. Dicker¹, C. Juillard¹ ¹University Of California - San Francisco, Center For Global Surgical Studies, San Francisco, CA, USA ²Soroti Regional Referral Hospital, Surgery, Soroti, Uganda

18.08. An Application of a Geographic Information System to Evaluate Surgical Infrastructure in Zambia. M. Esquivel¹, T. Uribe-Leitz¹, I. Mathews⁶, N. Raykar^{2,3}, E. Makasa⁴, K. Bowman⁵, T. Weiser¹ ¹Stanford University School Of Medicine, General Surgery, Stanford, CA, USA ²Harvard Medical School, Program In Global Surgery And Social Change, Boston, MA, USA ³Beth Israel Deaconess Medical Center, Department Of Surgery, Boston, MA, USA ⁴Permanent Mission Of Zambia, Health, Geneva, GE, Switzerland ⁵Children's Hospital Of Wisconsin, Division Of Pediatric General And Thoracic Surgery, Milwaukee, WI, USA ⁶Redivis, Inc, Mountain View, CA, USA

18.09. Analysis Of The Cost Of Surgical Care For Peritonitis At A Referral Hospital In Rwanda. J. Rickard^{1,2}, C. Ngarambe^{1,3}, L. Ndayizweye^{1,3}, B. Smart⁵, R. Riviello^{1,2}, J. Majyambere⁴ ¹Kibungo Referral Hospital, Kibungo, Rwanda ²Rush University Medical Center, Chicago, IL, USA ³University Teaching Hospital Of Kigali, Department Of Surgery, Kigali, Rwanda ⁴Brigham And Women's Hospital, Center For Surgery And Public Health, Boston, MA, USA ⁵University Of Rwanda, College Of Medicine And Health Sciences, Kigali, Rwanda

18.10. Trauma First Responder Course Participant Characteristics & Experiences in La Paz & Potosi, Bolivia. M. A. Boeck^{1,3,4}, T. E. Callese⁵, S. K. Nelson⁵, S. J. Schuetz², C. G. Miller⁶, C. Fuentes Bazan⁷, J. R. Simons González⁸, M. C. Vargas⁸, L. W. Ruderman⁸, J. L. Gallardo¹⁰, J. M. Laguna Saavedra¹¹, N. M. Issa², M. B. Shapiro², M. Swaroop² ¹Feinberg School Of Medicine - Northwestern University, Center For Global Health, Chicago, IL, USA ²Feinberg School Of Medicine - Northwestern University, Division Of Trauma And Critical Care, Chicago, IL, USA ³Brigham And Women's Hospital, Center For Surgery And Public Health, Boston, MA, USA ⁴New York Presbyterian Hospital - Columbia, Department Of Surgery, New York, NY, USA ⁵Wake Forest University School Of Medicine, Winston-Salem, NC, USA ⁶Emory University School Of Medicine, Atlanta, GA, USA ⁷Arco Iris Hospital, La Paz, Bolivia ⁸Centro De Medicina Familiar Yawisla SRL, Potosi, Bolivia ⁹University Of Southern California, Los Angeles, CA, USA ¹⁰Hospital Obrero #5 Caja Nacional De Salud, Potosi, Bolivia ¹¹Bolivian National Police, La Paz, Bolivia

18.11. Epidemiology Of Peritonitis At A Referral Hospital in Rwanda. L. Ndayizweye^{1,3}, C. Ngarambe^{1,3}, B. Smart⁵, R. Riviello^{1,2}, J. Majyambere⁴, J. Rickard^{1,2} ¹University Teaching Hospital Of Kigali, Kigali, Rwanda ²Brigham And Women's Hospital, Center For Surgery And Public Health, Boston, MA, USA ³University of Rwanda, College Of Medicine And Health Sciences, Kigali, Rwanda ⁴Kibungo Referral Hospital, Kibungo, Rwanda ⁵Rush University Medical Center, Chicago, IL, USA

18.12. Perspectives on the optimal surgery resident international trauma rotation. R. A. Tessler¹, S. Gupta^{1,2}, B. T. Stewart³, E. G. Wong^{2,4}, T. McIntyre⁵, R. S. Godfrey¹, R. R. Price⁶, A. D. Fox⁷, A. L. Kushner^{2,8,9}, K. N. Remick¹⁰ ¹University Of California - San Francisco, East Bay, Surgery, Oakland, CA, USA ²Surgeons OverSeas, New York, NY, USA ³University Of Washington, Surgery, Seattle, WA, USA ⁴McGill University, Surgery, Montreal, QC, Canada ⁵State University Of New York, Downstate, Surgery, Brooklyn, NY, USA ⁶University Of Utah, Surgery, Salt Lake City, UT, USA ⁷University Of Medicine And Dentistry Of New Jersey, Surgery, Newark, NJ, USA ⁸Columbia University College Of Physicians And Surgeons, Surgery, New York, NY, USA ⁹Johns Hopkins Bloomberg School Of Public Health, International Health, Baltimore, MD, USA ¹⁰Walter Reed Army Medical Center, Trauma Surgery And Critical Care, Washington, DC, USA

18.13. Development of a Student Surgical Interest Group Promotes a Pipeline for Women Surgeons in Zimbabwe. A. Moyo², C. T. Mashingaidze², P. Moyo², F. C. Muchemwa², S. M. Wren¹ ¹Stanford University, Surgery, Palo Alto, CA, USA ²University Of Zimbabwe, College Of Health Sciences, Harare, Zimbabwe

TUESDAY

WEDNESDAY

THURSDAY

18.14. Quantifying Surgical Care Needs for Refugees and Other Displaced Persons. Y. A. Zha^{1,2}, E. Lee^{1,3}, K. N. Remick^{4,5}, D. H. Rothstein^{6,7}, D. Guha-Sapir⁸, R. S. Groen⁹, D. K. Imagawa², G. Burnham¹, A. L. Kushner^{1,10,11} ⁸Centre For Research On The Epidemiology Of Disasters - Université Catholique De Louvain, Brussels, Belgium ⁹Johns Hopkins Hospital, Department Of Gynecology & Obstetrics, Baltimore, MD, USA ¹⁰Columbia University College Of Physicians And Surgeons, Department Of Surgery, New York, NY, USA ¹¹Surgeons OverSeas, New York, NY, USA ¹Johns Hopkins Bloomberg School Of Public Health, Department Of International Health, Baltimore, MD, USA ²University Of California - Irvine School Of Medicine, Department Of Surgery, Irvine, CA, USA ³University Of Southern California, Department Of Surgery, Los Angeles, CA, USA ⁴Uniformed Services University Of The Health Sciences, Department Of Surgery, Bethesda, MD, USA ⁵Combat Casualty Care Research Program, Ft. Detrick, MD, USA ⁶Women And Children's Hospital Of Buffalo, Department Of Pediatric Surgery, Buffalo, NY, USA ⁷State University Of New York At Buffalo, Department Of Surgery, Buffalo, NY, USA

18.15. A Quantitative Analysis of Surgical and Trauma Care Capacity in Rural Haryana, India. M. B. Bhatia¹, S. E. Cherukupalli², K. J. Blair², M. Boeck^{2,6,7}, I. Helenowski², S. Sharma^{8,9}, B. Nwomeh^{4,10}, M. B. Shapiro², J. Thakur³, A. Bhalla³, M. Swaroop² ¹Texas Tech University Health Science Center School Of Medicine, Lubbock, TX, USA ²Northwestern University Feinberg School Of Medicine, Division Of Trauma & Critical Care, Department Of Surgery, Chicago, IL, USA ³Postgraduate Institute Of Medicine Education And Research, Department Of Internal Medicine, Chandigarh, HARYANA, India ⁴Surgeons Overseas, New York, NY, USA ⁵Johns Hopkins University School Of Medicine, Department Of Surgery, Baltimore, MD, USA ⁶Brigham And Women's Hospital, Boston, MA, USA ⁷New York Presbyterian Hospital - Columbia, Department Of Surgery, New York, NY, USA ⁸Boston Children's Hospital, Department Of Plastic Surgery, Boston, MA, USA ⁹Harvard School Of Medicine, Department Of Global Health And Social Medicine, Brookline, MA, USA ¹⁰Nationwide Children's Hospital, Columbus, OH, USA

18.16. Cluster Munition Injuries and Research: Where Are We Now and What is an Academic Surgeon's Role? . K. Chawla¹, E. Habermann², D. Jenkins³, A. L. Kushner^{4,5,6} ¹Mayo Medical School, Rochester, MN, USA ²Mayo Clinic, Robert D. And Patricia E. Kern Center For The Science Of Health Care Delivery, Rochester, MN, USA ³Mayo Clinic, Division Of Trauma, Critical Care And General Surgery, Rochester, MN, USA ⁴Johns Hopkins Bloomberg School Of Public Health, Department Of International Health, Baltimore, MD, USA ⁵Columbia University College Of Physicians And Surgeons, Department Of Surgery, New York, NY, USA ⁶SurgeonsOverSeas, New York, NY, USA

18.17. Surgical Needs in Rural India: A Population-Based Survey in Nanakpur, Haryana. S. E. Cherukupalli¹, M. Bhatia², S. Gupta^{3,4}, N. Nagarajan⁵, M. Boeck^{1,6,7}, S. Sharma^{8,9}, B. C. Nwomeh^{4,10}, J. Thakur¹¹, M. B. Shapiro¹, A. Bhalla¹¹, M. Swaroop¹ ¹Northwestern University Feinberg School Of Medicine, Department Of Surgery, Division Of Trauma And Critical Care, Chicago, IL, USA ²Texas Tech University Health Sciences Center School Of Medicine, Lubbock, TX, USA ³University Of California, San Francisco, East Bay, Oakland, CA, USA ⁴Surgeons Overseas, New York, NY, USA ⁵Johns Hopkins University School Of Medicine, Department Of Surgery, Baltimore, MD, USA ⁶Brigham And Women's Hospital, Center For Surgery And Public Health, Boston, MA, USA ⁷New York Presbyterian Hospital-Columbia, Department Of Surgery, New York, NY, USA ⁸Boston Children's Hospital, Department Of Plastic Surgery, Boston, MA, USA ⁹Harvard Medical School, Department Of Global Health And Social Medicine, Boston, MA, USA ¹⁰Nationwide Children's Hospital, Columbus, OH, USA ¹¹Postgraduate Institute Of Medical Education And Research, Chandigarh, HARYANA, India

18.18. Design, feasibility and outcomes of locally-led rural pediatric surgery outreach in Africa. A. Muzira¹, N. Kakembo¹, P. Kisa¹, J. Sekabira¹, E. Christison-Lagay², M. Langer⁴, T. Fitzgerald³, M. Ajiko⁵, A. Kintu¹, R. Kabuye¹, D. Namuguzi¹, R. Nassanga¹, D. Ozgediz² ¹Mulago Hospital, Surgery Department, Kampala, Uganda ²Yale University School Of Medicine, New Haven, CT, USA ³Texas Tech University At El Paso, El Paso, TEXAS, USA ⁴Maine Medical Center, Portland, MAINE, USA ⁵Soroti Hospital, Soroti, Uganda

18.19. Barriers to Trauma Registry Implementation in Rural Gujarat, India: Results from a Qualitative Study. A. E. Jaffe¹, K. Vishwanathan², S. Raithatha², S. Nimbalkar², H. P. Santry¹ ¹University Of Massachusetts Medical School, Surgery, Worcester, MA, USA ²Charutar Arogya Mandal (CAM), Pramukhswami Medical College, Karamsad, GUJARAT, India

18.20. Availability of Running Water at 430 Hospitals Providing Surgical Care in 19 Countries . S. Chawla¹, S. Gupta², B. T. Stewart^{3,4}, E. B. Habermann⁵, A. L. Kushner^{6,7,8} ¹Mayo Clinic, Mayo Medical School, Rochester, MN, USA ²University Of California, San Francisco-East Bay, Department Of Surgery, Oakland, CA, USA ³University Of Washington, Department Of Surgery, Seattle, WA, USA ⁴Komfo Anokye Teaching Hospital, Department Of Surgery, Kumasi, Ghana ⁵Mayo Clinic, Robert D. And Patricia E. Kern Center For The Science Of Health Care Delivery, Rochester, MN, USA ⁶Johns Hopkins Bloomberg School Of Public Health, Department Of International Health, Baltimore, MD, USA ⁷Columbia University, Department Of Surgery, New York, NY, USA ⁸Surgeons OverSeas, New York, NY, USA

9:30AM - 10:00AM **Morning Break in Exhibit Area** GRAND FOYER BALLROOM

9:30AM - 4:30PM **Exhibit Hall Open** GRAND FOYER BALLROOM

10:00AM - 10:15AM **Opening Comments** GRAND BALLROOM 4-5

Justin B. Dimick, MD, MPH, AAS President & Sharon M. Weber, MD, SUS President

10:15AM - 10:45AM **SUS Lifetime Achievement Award** GRAND BALLROOM 4-5

Ernest E. "Gene" Moore, MD

Vice Chairman for Research, Professor of Surgery, University of Colorado Denver

INTRODUCTION BY: Alden Harken, MD



TUESDAY

10:45AM - 11:30AM

SUS Presidential Address “Our Greatest Resource”

GRAND BALLROOM 4-5



Sharon M. Weber, MD

Tim and MaryAnn McKenzie Chair of Surgical Oncology, Professor, Surgical Oncology, Vice Chair of Academic Affairs, Division of General Surgery, Director of Surgical Oncology, UW Carbone Cancer Center, University of Wisconsin Department of Surgery and School of Medicine and Public Health

INTRODUCTION BY: Rebecca M. Minter, MD, SUS President-Elect

11:30AM - 1:00PM

General Conference Lunch

GRAND FOYER BALLROOM

OR

WEDNESDAY

11:30AM - 1:00PM

HOT TOPICS SESSION #1 (Lunch): “The Academic Medical Center of the Future: Transition from a Department-Oriented Infrastructure to a Multidisciplinary Disease-Specific Approach”

GRAND BALLROOM 1-3

MODERATORS: W. Scott Melvin, MD & Peter Muscarella, MD

SPEAKERS: Marwan S. Abouljoud, MD, E. Christopher Ellison, MD, R. Matthew Walsh, MD, Darwin Conwell, MD, MS, & Robert E. Michler, MD

INTRODUCTION: W. Scott Melvin, MD & Peter Muscarella, MD

- Departments, Centers, Institutes, and Service Lines: “What does it all mean?” – Marwan S. Abouljoud, MD
- Academic Departments of Surgery: A Historical Perspective – E. Christopher Ellison, MD
- Multidisciplinary Institutes: Patient-Centered Care Model – R. Matthew Walsh, MD
- Pancreas Centers of Excellence as a Model for Multidisciplinary Collaboration: A Non-Surgeon Point of View – Darwin Conwell, MD, MS
- The Role of the Department of Surgery in the Academic Medical Center of the Future – Robert E. Michler, MD
- Panel Discussion/Questions

LEARNING OBJECTIVES

At the conclusion of this session, participants will be able to:

- Review the structure and history of academic departments of surgery with emphasis on the benefits of this model.
- Define the various terms used when referring to multidisciplinary centers for patient care.
- Review the rationale for, and structure of, various models for patient-centered health care delivery.
- Infer on the structure of academic surgical centers of the future and how surgeons of today can influence their development.

OR

THURSDAY

11:30AM - 1:00PM

OUTCOMES COMMITTEE SESSION (Lunch): “First Reporting of the FIRST Trial Results: What’s Next for Resident Duty Hours Policy?”

GRAND BALLROOM 6-8

SESSION CHAIRS: Karl Bilimoria, MD, MS & Justin Dimick, MD, MPH

SPEAKERS: Karl Bilimoria, MD, MS, Frank R. Lewis, MD, David B. Hoyt, MD, & John R. Potts, MD

- Initial Results from the Flexibility In Duty Hour Requirements for Surgical Trainees (FIRST) Trial – Karl Bilimoria, MD, MS
- Using the FIRST Trial Results to Change Duty Hour Policies: The ABS Perspective – Frank R. Lewis, MD
- Using the FIRST Trial Results to Change Duty Hour Policies: The ACS Perspective – David B. Hoyt, MD
- Using the FIRST Trial Results to Change Duty Hour Policies: The ACGME Perspective – John R. Potts, MD

LEARNING OBJECTIVES

At the conclusion of this session, participants will be able to:

- Recognize the nuances of the FIRST Trial study design.
- Describe differences in outcomes between two duty hour policies.
- Describe differences in resident wellbeing between two duty hour policies.

1:00PM - 2:30PM

SUS PRESIDENTIAL SESSION:

“The Evolution of Academic Surgery: What Will the Future Hold?”

GRAND BALLROOM 4-5

MODERATOR: Sharon M. Weber, MD, SUS President

SPEAKERS: K. Craig Kent, MD, Mary E. Klingensmith, MD, Selwyn M. Vickers, MD, & Michael J. Zinner, MD

- Clinical Care Delivery: What will the challenges be under the changing healthcare environment and how will it impact academic surgery? – Michael J. Zinner, MD
- Surgical Residency Training: What will it look like in 10 years? – Mary E. Klingensmith, MD
- Surgical Research: Will it survive? – K. Craig Kent, MD
- Surgical Leadership: What will future surgical leaders need to focus on? What will they lead? – Selwyn M. Vickers, MD

LEARNING OBJECTIVE

At the conclusion of this session, participants will be able to:

- Describe the challenges for the future of academic surgery.

2:30PM - 3:00PM

SUS JOEL J. ROSLYN LECTURE

“Leaning In, Failing Fast: How Resilient is Academic Medicine?”

GRAND BALLROOM 4-5



Mary Hawn, MD

Professor and Chair of Department of Surgery, Stanford University

INTRODUCTION BY: Sharon M. Weber, MD, SUS President

LEARNING OBJECTIVES

At the conclusion of this session, participants will be able to:

- Understand that every successful person has also had many failures.
- Learn that success can be defined in many ways.
- Identify the importance of mentorship and a support network in fostering success.

3:00PM - 3:30PM

BJS LECTURE: “ERAS: Should it be the Standard of Care?”

GRAND BALLROOM 4-5



Henrik Kehlet, Prof., MD, PhD

Rigshospitalet and Glostrup Hospital Copenhagen, Denmark

INTRODUCTION BY: Sharon M. Weber, MD, SUS President

BJS

LEARNING OBJECTIVES

At the conclusion of this session, participants will be able to:

- Understand the background for enhanced recovery programs.
- Provide an update of procedure-specific results.
- Discuss implementation issues.
- Outline strategies for future developments.

3:30PM - 4:00PM

Afternoon Break in the Exhibit Area

GRAND FOYER BALLROOM

TUESDAY
WEDNESDAY
THURSDAY



4:00PM - 5:30PM

Basic Science Plenary

GRAND BALLROOM 4-5

TUESDAY

MODERATORS: Allan Goldstein, MD & Melina Kibbe, MD

20.01. Interferon Regulatory Factor 1 Promotes Hepatocyte Exosome Secretion through Induction of Rab27a. M. Yang¹, Q. Du¹, P. R. Varley¹, Z. Liang¹, B. Chen¹, C. Heres¹, D. B. Stolz², S. C. Watkins², D. A. Geller¹ ¹Thomas E. Starzl Transplantation Institute, Department Of Surgery, University Of Pittsburgh School Of Medicine, Pittsburgh, PA, USA ²Center Of Biologic Imaging, University Of Pittsburgh, Pittsburgh, PA, USA

20.04. Sphingosine Treatment Prevents Lung Pseudomonas aeruginosa Infection in Burn Injured Mice. T. C. Rice¹, E. F. Midura¹, E. Gulbins^{1,2}, M. J. Edwards¹, C. C. Caldwell¹ ¹University Of Cincinnati, Division Of Research, Cincinnati, OH, USA ²University Hospital Essen, Department Of Molecular Biology, Essen, North Rhine - Westphalia, Germany

20.02. *SAAS ABSTRACT AWARD WINNER: CDK4/6 and MEK Inhibition Overcome STAT3-mediated Chemoresistance in KRAS mutant Pancreatic Cancer. J. A. Castellanos¹, M. Van Saun², N. Nagathihalli², Y. Xiong¹, C. Kasmai³, N. Merchant² ¹Vanderbilt University Medical Center, Surgical Sciences, Nashville, TN, USA ²University Of Miami, Surgery, Miami, FL, USA ³Meharry Medical College, Nashville, TN, USA

20.05. Intestinal Alkaline Phosphatase Prevents Burn Induced Intestinal Permeability and Bacterial Translocation. F. Adiliaghdam¹, M. Gharedaghi¹, S. Yan^{1,2,3}, S. R. Hamarneh¹, S. A. Morrison¹, L. G. Rahme^{1,2,3}, R. A. Hodin¹ ¹Massachusetts General Hospital, General Surgery, Boston, MA, USA ²Shriners Hospitals For Children, Boston, MA, USA ³Harvard School Of Medicine, Department Of Microbiology And Immunobiology, Boston, MA, USA

20.03. The Relationship between Monocyte Gene Expression and Lower Extremity Vein Graft Outcome J. Refhuss¹, K. Desart¹, K. O'Malley¹, B. Schmit¹, Y. He¹, L. Moldawer¹, P. Nelson², S. Berceli¹ ¹University Of Florida, Department Of Surgery, Gainesville, FL, USA ²University Of South Florida College Of Medicine, Tampa, FL, USA

20.06. Toll-like Receptor 4 Regulates the Expression of Intracellular Serpins in Necrotizing Enterocolitis. D. F. Nino¹, S. Sho³, C. P. Sodhi¹, M. Good², C. J. Luke², G. A. Silverman², D. J. Hackam¹ ¹Johns Hopkins University School Of Medicine, Pediatric Surgery, Baltimore, MD, USA ²Children's Hospital Of Pittsburgh Of UPMC, Newborn Medicine, Pittsburgh, PA, USA ³University Of California - Los Angeles, Surgery, Los Angeles, CA, USA

WEDNESDAY

OR

4:00PM - 5:30PM

Education Plenary

GRAND BALLROOM 6-8

THURSDAY

MODERATORS: Adil Haider, MD, MPH & Lillian Kao, MD, MS

19.01. Roles of Mentorship and Research in Surgical Career Choice: Longitudinal Study of Medical Students.. A. Berger¹, J. Giacalone¹, P. Barlow², M. Kapadia³, J. Keith³ ¹University Of Iowa, College Of Medicine, Iowa City, IA, USA ²University Of Iowa, Department Of Internal Medicine, Iowa City, IA, USA ³University Of Iowa, Department Of Surgery, Iowa City, IA, USA

19.04. Gender Differences in Burnout during Surgical Training: A Multi-Institutional Survey.. L. C. Elmore¹, D. B. Jeffe², L. Jin¹, M. M. Awad¹, I. R. Turnbull¹ ¹Washington University School Of Medicine, Department Of Surgery, Saint Louis, MO, USA ²Washington University School Of Medicine, Division Of Health Behavior Research, Department Of Medicine, Saint Louis, MO, USA

19.02. Who Did the Case? Resident and Faculty Perceptions on Resident Operative Participation. J. A. Perone¹, G. T. Fankhauser¹, M. B. Woods¹, I. Agboli¹, J. H. Strohmeyer¹, D. S. Tyler¹, K. M. Brown¹ ¹University Of Texas Medical Branch, Galveston, TX, USA

19.05. Errors During Bladder Catheterization: Are Residents Ready for Complex Scenarios?. B. R. O'Connell-Long¹, R. D. Ray¹, C. M. Pugh¹ ¹University Of Wisconsin, Department Of Surgery, Madison, WI, USA

19.03. Impact of directed and non-directed team communication strategies during a simulated surgical emergency. S. Yule^{1,2,3}, S. Jones¹, A. Crowell-Kuhnberg³, W. A. Davis¹, D. O'Keeffe⁶, K. Kollar⁵, S. Klainer⁴, D. S. Smink^{1,2,3} ¹Brigham And Women's Hospital, Center For Surgery & Public Health, Boston, MA, USA ²Harvard School Of Medicine, Surgery, Boston, MA, USA ³Brigham And Women's Hospital, STRATUS Simulation Center, Boston, MA, USA ⁴Brigham And Women's Hospital, Anesthesia, Boston, MA, USA ⁵Brigham And Women's Hospital, Nursing, Boston, MA, USA ⁶Royal College Of Surgeons Of Ireland, Dublin, Ireland

19.06. Clinical Prioritization Ability in Surgery Interns: A Standardized Assessment Tool. R. Phitayakorn¹, E. Petrusa¹, M. DeMoya¹, J. Doyle¹, C. Ferrone¹, J. T. Mullen¹ ¹Massachusetts General Hospital, Surgery, Boston, MA, USA

5:30PM - 6:30PM

SUS Business Meeting

GRAND BALLROOM 1-3

OR



5:30PM - 6:30PM

AAS Medical Student Quickshot Session

RIVER TERRACE 2

MODERATORS: Adil Haider, MD, MPH, Justin Dimick, MD, MPH and Rebecca Sippel, MD

- 21.01. Roles of Mentorship and Research in Surgical Career Choice: Longitudinal Study of Medical Students.** A. Berger¹, J. Giacalone¹, P. Barlow², M. Kapadia³, J. Keith³ ¹University of Iowa, College of Medicine, Iowa City, IA, USA ²University of Iowa, Department of Internal Medicine, Iowa City, IA, USA ³University of Iowa, Department of Surgery, Iowa City, IA, USA
- 21.02. Amitriptyline Treatment Improves Survival After Trauma and Hemorrhage.** H. He^{1,2}, P. L. Jernigan^{1,2}, R. S. Hoehn^{1,2}, A. L. Chang^{1,2}, L. Friend^{1,2}, R. Veile^{1,2}, T. Johannigman^{1,2}, A. T. Makely^{1,2}, M. D. Goodman^{1,2}, T. A. Pritts^{1,2} ¹University of Cincinnati, Trauma and Critical Care, Cincinnati, OH, USA ²University of Cincinnati, Institute for Military Medicine, Cincinnati, OH, USA
- 21.03. Hospital Teaching Status and Medicare Expenditures for Complex Surgery.** J. C. Pradarelli¹, C. P. Scally¹, H. Nathan¹, J. R. Thumma¹, J. B. Dimick¹ ¹University of Michigan, Ann Arbor, MI, USA
- 21.04. Sarcopenia as a Prognostic Factor in Emergency Abdominal Surgery.** R. C. Dirks¹, B. L. Edwards¹, E. Tong¹, B. Schaheen¹, F. E. Turrentine¹, A. L. Shada², P. W. Smith¹ ¹University of Virginia, General Surgery, Charlottesville, VA, USA ²University of Wisconsin, Surgery, Madison, WI, USA
- 21.05. Changes in Liver Allograft Steatosis and its Impact on Early Graft Function and Long Term Survival.** J. Davis¹, S. Fuller¹, S. Kubal¹, J. Fridell¹, A. J. Tector¹, R. S. Mangus¹ ¹Indiana University School Of Medicine, Transplant Division, Dept of Surgery, Indianapolis, IN, USA
- 21.06. Are NSQIP Hospitals Unique? A Description of Hospitals Participating in ACS NSQIP.** C. R. Sheils^{1,2}, A. R. Dahlke¹, A. Yang¹, K. Bilimoria¹ ¹Northwestern University, Dept of Surgery, Chicago, IL, USA ²University of Rochester, School of Medicine, Rochester, NY, USA

- 21.07. Ultrasound is a Sensitive Adjunct to Plain Radiographs in Management of Necrotizing Enterocolitis.** S. E. Horne³, S. M. Cruz^{1,3}, S. Nuthakki², P. E. Lau^{1,3}, D. A. Lazar^{1,3}, S. E. Welty², O. O. Olutoye^{1,3} ¹Baylor College of Medicine, Dept of Surgery, Houston, TX, USA ²Texas Children's Hospital, Pediatrics, Houston, TX, USA ³Texas Children's Hospital, Pediatric Surgery, Houston, TX, USA
- 21.08. Cells from In Vivo Models of Heterotopic Ossification Exhibit Increased Osteogenic Properties.** J. Drake¹, S. Agarwal¹, K. Shigemori¹, S. Loder¹, C. Hwang¹, S. Li¹, Y. Mishina¹, S. Wang¹, B. Levi¹ ¹University Of Michigan, Ann Arbor, MI, USA
- 21.09. Surgical and Post-Operative Risk Factors for Lymphedema Following Lymphadenectomy for Melanoma.** J. R. Diljak¹, R. D. Kramer¹, R. J. Strobel¹, B. Sunkara¹, D. J. Mercante¹, J. S. Jehnsen¹, J. F. Friedman¹, A. Durham², M. Cohen¹ ¹University Of Michigan, Department Of Surgery, Ann Arbor, MI, USA ²University Of Michigan, Department Of Dermatology, Ann Arbor, MI, USA
- 21.10. Risk Factors of Mortality Following Abdominal Aortic Aneurysm Repair using Analytic Morphomics.** A. A. Mazurek¹, J. F. Friedman¹, A. Hammoud¹, C. Inglis¹, J. Haugen¹, A. Hallway¹, J. Lawton¹, J. Ruan¹, B. Derstine¹, J. S. Lee¹, S. C. Wang¹, M. J. Englesbe¹, N. H. Osborne¹ ¹University Of Michigan, Morphomic Analysis Group, Department Of Surgery, Ann Arbor, MI, USA
- 21.12. Lymphovascular Invasion is Associated with Compromised Survival for Papillary Thyroid Cancer.** L. N. Pontius¹, L. M. Youngwirth¹, S. M. Thomas¹, R. P. Scheri¹, S. A. Roman¹, J. A. Sosa¹ ¹Duke University Medical Center, Durham, NC, USA

OR

5:30PM - 6:30PM

AAS Resident/Fellow Quickshot Session

RIVER TERRACE 3

MODERATORS: Caprice Greenberg, MD, MPH and Eric Kimchi, MD

- 22.01. Interferon Regulatory Factor 1 Promotes Hepatocyte Exosome Secretion through Induction of Rab27a.** M. Yang¹, Q. Du¹, P. R. Varley¹, Z. Liang¹, B. Chen¹, C. Heres¹, D. B. Stolz², S. C. Watkins², D. A. Geller¹ ¹Thomas E. Starzl Transplantation Institute, Dept of Surgery, University of Pittsburgh School of Medicine, Pittsburgh, PA, USA ²Center of Biologic Imaging, University of Pittsburgh, Pittsburgh, PA, USA
- 22.02. Hospital Resource Characteristics Associated with Improved Surgical Performance.** R. S. Hoehn¹, D. J. Hanseman¹, D. Go¹, K. Wima¹, A. L. Chang¹, A. E. Ertel¹, S. A. Shah¹, D. E. Abbott¹ ¹University of Cincinnati, Surgery, Cincinnati, OH, USA
- 22.03. CDK4/6 and MEK Inhibition Overcome STAT3-mediated Chemoresistance in KRAS mutant Pancreatic Cancer.** J. A. Castellanos¹, M. Van Saun², N. Nagathihalli², Y. Xiong¹, C. Kasmai³, N. Merchant² ¹Vanderbilt University Medical Center, Surgical Sciences, Nashville, TN, USA ²University of Miami, Surgery, Miami, FL, USA ³Meharry Medical College, Nashville, TN, USA
- 22.04. Does AAS Membership Improve the Academic Productivity of its Constituent Members?** N. Valsangkar¹, D. Milgrom¹, P. J. Martin¹, J. Parrett¹, M. M. Joshi¹, T. A. Zimmers¹, L. G. Koniaris¹ ¹Indiana University, Department of Surgery, Indianapolis, IN, USA
- 22.05. The Use of Smart Phone Thermal Imaging for Assessment of Peripheral Perfusion in Vascular Patients.** G. Wallace¹, E. Quiroga¹, N. Tran¹ ¹University of Washington, Vascular Surgery, Seattle, WA, USA
- 22.06. Sphingosine Treatment Prevents Lung Pseudomonas aeruginosa Infection in Burn Injured Mice.** T. C. Rice¹, E. F. Midura¹, E. Gulbins^{1,2}, M. J. Edwards¹, C. C. Caldwell¹ ¹University of Cincinnati, Division of Research, Cincinnati, OH, USA ²University Hospital Essen, Dept of Molecular Biology, Essen, North Rhine - Westphalia, Germany

- 22.07. Intestinal Alkaline Phosphatase Prevents Burn Induced Intestinal Permeability and Bacterial Translocation.** F. Adiliaghdam¹, M. Gharedaghi¹, S. Yan^{1,2,3}, S. R. Hamarneh¹, S. A. Morrison¹, L. G. Rahme^{1,2,3}, R. A. Hodin¹ ¹Massachusetts General Hospital, General Surgery, Boston, MA, USA ²Shriners Hospitals for Children, Boston, MA, USA ³Harvard School Of Medicine, Department Of Microbiology And Immunobiology, Boston, MA, USA
- 22.08. Prospective, Randomized, Controlled, Blinded Trial: ICG Angiography In Abdominal Wall Reconstruction.** C. R. Huntington¹, B. A. Wormer¹, S. W. Ross¹, P. D. Colavita¹, T. Prasad¹, A. E. Lincourt¹, I. Belyansky², S. B. Getz¹, B. T. Heniford¹, V. A. Augenstein¹ ¹Carolinas Medical Center, Charlotte, NC, USA ²Anne Arundel Medical Center, Annapolis, MD, USA
- 22.09. Toll-like Receptor 4 Regulates the Expression of Intracellular Serpins in Necrotizing Enterocolitis.** D. F. Nino¹, S. Sho³, C. P. Sodhi¹, M. Good², C. J. Luke², G. A. Silverman², D. J. Hackam¹ ¹Johns Hopkins University School Of Medicine, Pediatric Surgery, Baltimore, MD, USA ²Children's Hospital Of Pittsburgh Of UPMC, Newborn Medicine, Pittsburgh, PA, USA ³University Of California - Los Angeles, Surgery, Los Angeles, CA, USA
- 22.10. Bladder Tumor Initiating Cells as Predictors of Outcome.** K. Skowron¹, J. Namm⁵, S. Pitroda³, M. Beckett³, N. Khodarev³, M. Posner^{1,4}, G. Steinberg², R. Weichselbaum³ ¹University of Chicago, Department of Surgery/Section of General Surgery, Chicago, IL, USA ²University of Chicago, Department of Surgery/Section of Urology, Chicago, IL, USA ³University of Chicago, Department of Radiation And Cellular Oncology, Chicago, IL, USA ⁴Loma Linda University Health, Department of Surgery, Loma Linda, CA, USA ⁵University of Chicago, Department of Surgery / Section Of Surgical Oncology, Chicago, IL, USA

TUESDAY

WEDNESDAY

THURSDAY

6:30PM - 7:30PM

Opening Exhibit and Poster Session

GRAND FOYER BALLROOM

Join us for the opening Exhibit & Poster Reception, take time to network and meet your colleagues.

TUESDAY

23.01. Human Breast Cancer Cells Grow on Ex Vivo 4D Lung Model and Form Tumor Nodules. K. A. Pence¹, D. K. Mishra², M. J. Thrall³, B. Dave², M. P. Kim¹ ²Houston Methodist Research Institute, Houston, TX, USA ³Houston Methodist Hospital, Pathology And Genomic Medicine, Houston, TX, USA ¹Houston Methodist Hospital, Surgery, Houston, TX, USA

23.02. Disturbed Hemodynamics Leads to Arterial Stiffening in a Murine Partial Carotid Ligation Model. S. Dalal¹, K. Kuo¹, A. Morris¹, H. Li¹, L. Brewster^{1,4}, L. Timmins^{2,3} ¹Emory University School of Medicine, Division of Vascular Surgery, Atlanta, GA, USA ²Georgia Institute of Technology, Parker H. Petit Institute of Bioengineering And Bioscience, Atlanta, GA, USA ³Emory University School of Medicine, Department of Radiology And Imaging Sciences, Atlanta, GA, USA ⁴Atlanta VA Medical Center, Division of Vascular Surgery, Atlanta, GA, USA

23.03. Microarray Analysis of Treatment Induced Inflammatory Gene Changes in Human TNBC Cells. K. Deshpande¹, P. Shah¹, A. Vyas¹, L. Chaturvedi¹, D. Vyas¹ ¹Michigan State University, College Of Human Medicine, Lansing, MI, USA

23.05. Pharmacokinetic Regulation of Novel Cancer-Targeting Alkylphosphocholine Analogs. J. S. Kuo^{1,2}, R. R. Zhang^{1,2}, P. A. Clark^{1,2}, L. Hall^{2,3}, J. P. Weichert^{2,3}, J. S. Kuo^{1,2} ¹University Of Wisconsin, Neurological Surgery, Madison, WI, USA ²University Of Wisconsin, Carbone Cancer Center, Madison, WI, USA ³University Of Wisconsin, Radiology, Madison, WI, USA

23.13. Associations Among Body Composition, Tumor Gene Expression and Survival in Renal Clear Cell Carcinoma. C. A. Cooper¹, G. Jiang^{2,3}, Y. Liu^{2,3}, T. A. Zimmers^{1,4,5} ¹Indiana University School Of Medicine, IU Simon Cancer Center, Indianapolis, IN, USA ²Indiana University School Of Medicine, Anatomy & Cell Biology, Indianapolis, IN, USA ³Indiana University School Of Medicine, Dept Of Surgery, Indianapolis, IN, USA ⁴Indiana University School Of Medicine, Dept Of Medical And Molecular Genetics, Indianapolis, IN, USA ⁵Indiana University School Of Medicine, Center For Computational Biology And Bioinformatics, Indianapolis, IN, USA

23.17. The inhibition of cfDNA released following radiation therapy in pancreatic cancer. I. A. Naqvi¹, A. Moreno¹, H. Juwarker¹, B. Sullenger¹, D. Pisetsky², R. White¹ ¹Duke University Medical Center, Surgery, Durham, NC, USA ²Duke University Medical Center, Medicine, Durham, NC, USA

23.20. Dysregulation of Sphingolipids in Human Breast Cancer. M. Nagahashi¹, J. Tsuchida¹, K. Moro¹, T. Niwano¹, K. Tatsuda¹, C. Toshikawa¹, M. Hasegawa¹, Y. Koyama¹, T. Kobayashi¹, S. Kosugi², H. Kameyama¹, H. Aoki³, K. Takabe³, T. Wakai¹ ¹Niigata University Graduate School Of Medical And Dental Sciences, Division Of Digestive And General Surgery, Niigata, Japan ²Uonuma Kikan Hospital, Digestive And General Surgery, Minami-Uonuma, Niigata, Japan ³Virginia Commonwealth University School Of Medicine And The Massey Cancer Center, Surgical Oncology, Richmond, VA, USA

23.21. Role of Leptin in Enhancement of Proliferation of Gastro-Intestinal Stromal Tumor (GIST-T1) Cells.. R. Gadde¹, C. Ripat¹, A. Paz-Mejia², F. Pendola¹, R. Sharma¹, J. Trent², N. Merchant¹, D. Yakoub¹ ¹University Of Miami-Miller School Of Medicine, Surgical Oncology, Miami, FL, USA ²University Of Miami-Miller School Of Medicine, Medical Oncology, Miami, FL, USA

23.29. Renalase Signaling Enhances Cell Invasion and Promotes Metastasis of Human Pancreatic Cancer. L. Hollander^{1,2}, X. Guo¹, G. Desir¹, C. Cha¹ ¹Yale University School Of Medicine, Surgical Oncology, New Haven, CT, USA ²University Of Connecticut, Surgery, Storrs, CT, USA

23.30. The International General Surgery Journal Club: 12-Month Experience with a Twitter-based Journal Club. S. B. Bryczkowski¹, A. L. Cochran², N. J. Gusani³, C. Jones⁴, L. S. Kao⁵, B. C. Nwomeh⁶, M. E. Zenilman⁷ ¹New Jersey Medical School, Surgery/Rutgers, Newark, NJ, USA ²University Of Utah, Surgery, Salt Lake City, UT, USA ³Penn State Hershey Medical Center, Surgery, York, PA, USA ⁴Ohio State University, Trauma/ Surgery, Columbus, OH, USA ⁵University Of Texas Health Science Center At Houston, Surgery, Houston, TX, USA ⁶Ohio State University, Pediatric Surgery, Columbus, OH, USA ⁷Johns Hopkins University School Of Medicine, Surgery, Baltimore, MD, USA

23.31. Factors Influencing US Medical Students' Career Choice in Surgery: A Systematic Literature Review. L. E. Schmidt¹, C. A. Cooper¹, W. A. Guo¹ ¹State University Of New York At Buffalo, Surgery, Buffalo, NY, USA

23.32. The Creation of a Medical School Curriculum in Global Surgery. S. Mukhopadhyay^{1,3}, G. A. Anderson^{2,3}, S. Sharma³, H. Holmer⁵, J. G. Meara^{3,4}, L. Hagander⁵ ¹University Of Connecticut, General Surgery, Farmington, CT, USA ²Massachusetts General Hospital, General Surgery, Boston, MA, USA ³Harvard School Of Medicine, Department Of Global Health And Social Medicine, Brookline, MA, USA ⁴Children's Hospital Boston, Plastic Surgery, Boston, MA, USA ⁵Lund University, Pediatric Surgery And Global Pediatrics, Department Of Pediatrics, Lund, Skane, Sweden

23.33. Stress and Balance in Life in General Surgery Residency Training. C. Mueller¹, C. Liebert¹, M. Esquivel¹, A. Salles¹, D. Morrison¹, R. Greco¹ ¹Stanford University, Surgery, Palo Alto, CA, USA

23.36. Improved Outcomes for Inborn Babies with Gastrochisis . B. G. Dalton¹, K. W. Gonzalez¹, S. R. Reddy¹, R. J. Hendrickson¹, S. D. St. Peter¹, C. W. Iqbal¹ ¹Children's Mercy Hospital-University Of Missouri Kansas City, Pediatric Surgery, Kansas City, MO, USA

23.37. Risk Factors Associated With Morbidity And Mortality In Patients With Peritonitis In Rwanda. C. Ngarambe^{1,3}, L. Ndayizeye^{1,3}, B. Smart⁶, R. Riviello^{1,2}, J. Majyambere⁴, J. Rickard^{1,2} ¹University Teaching Hospital Of Kigali, Kigali, Rwanda ²Brigham And Women's Hospital, Center For Surgery And Public Health, Boston, MA, USA ³University Of Rwanda, College Of Medicine And Health Sciences, Kigali, Rwanda ⁴Kibungo Referral Hospital, Kibungo, Rwanda ⁵Rush University Medical Center, Chicago, IL, USA

23.40. Outcomes of Laparoscopic Cholecystectomy in a Senegalese Center. Papa Saloum DIOP, I Ka, B FALL. P. S. DIOP¹, P. S. DIOP¹, P. S. DIOP¹ ¹Cheikh Anta DIOP University, Surgery, Dakar, Senegal

23.41. The Impact of Major League Baseball on the Incidence of Operative Hand and Face Trauma. J. A. Ricci¹, C. R. Vargas¹, O. A. Ho¹, S. J. Lin¹, B. T. Lee¹ ¹Beth Israel Deaconess Medical Center, Division Of Plastic Surgery, Boston, MA, USA

23.44. A Short Course in Medical Malpractice for Academic Surgery Faculty. S. E. Raper¹, J. Joseph¹, M. Nepps² ¹University Of Pennsylvania, Surgery, Philadelphia, PA, USA ²University Of Pennsylvania, Office Of General Counsel, Philadelphia, PA, USA

23.45. Medical Student Hand Preference, Perceived Dexterity, and Impact of Handedness on Training. D. S. Callahan¹, C. DeVirgilio^{1,2}, A. Tillou², D. DeUgarte^{1,2} ¹Harbor UCLA Medical Center, Department Of Surgery, Torrance, CA, USA ²David Geffen School Of Medicine, University Of California At Los Angeles, Los Angeles, CA, USA

WEDNESDAY

THURSDAY

6:30PM - 7:30PM

Opening Exhibit and Poster Session (continued)

GRAND FOYER BALLROOM

- 23.46. The Impact of Confident Behavior on Perception of Competence in Practicing Surgeons.** I. Lizarraga¹, M. R. Kibbe², K. Reid Lombardo², M. R. Kapadia¹ ¹University Of Iowa, Iowa City, IA, USA ²Mayo Clinic, Rochester, MN, USA ³Northwestern University, Chicago, IL, USA
- 23.48. Intercoastal to Phrenic Nerve Grafting in Ventilator Dependent Patients with High Spinal Cord Injury.** K. Nandra¹, M. Harari¹, T. Price¹, P. J. Greaney¹, M. Weinstein¹ ¹Jefferson University Hospital, Philadelphia, PA, USA
- 23.49. Comparing Transanal Endoscopic Microsurgery & Transanal Minimally Invasive Surgery in the Modern Era.** J. P. Costello¹, Y. Alimi¹, C. Long¹, C. Vadlamudi¹, A. P. Chudzinski¹, M. Bayasi¹ ¹MedStar Georgetown University Hospital, Department Of Surgery, Division Of Colorectal Surgery, Washington, DC, USA
- 23.50. A 14 Year Review of Operative Hand and Facial Trauma at a Level 1 Medical Center.** C. R. Vargas¹, M. K. Markarian¹, P. G. Koolen¹, A. Abbasi¹, B. T. Lee¹, S. J. Lin¹ ¹Beth Israel Deaconess Med Center, Dept Of Surgery, Division Of Plastic Surgery, Boston, MA, USA
- 23.51. A Novel Approach to Diaphragm Resection in Cyto-reductive Surgery.** C. Schlegel¹, C. Kiernan¹, N. Merchant², C. Bailey¹, A. Parikh¹, K. Idrees¹ ²University Of Miami, Miami, FL, USA ¹Vanderbilt University Medical Center, Nashville, TN, USA
- 23.52. Oncoplastic Breast Surgery: Achieving Oncological and Aesthetic Outcomes.** M. Van Paridon¹, M. Paul¹, P. Kamali¹, A. Ibrahim³, S. J. Lin¹, R. Sharma² ¹Beth Israel Deaconess Medical Center, Division Of Plastic And Reconstructive Surgery, Boston, MA, USA ²Beth Israel Deaconess Medical Center, Department Of Surgery, Boston, MA, USA ³Louisiana State University Health Sciences Center, Division Of Plastic And Reconstructive Surgery, New Orleans, LA, USA
- 23.53. An Improved Humanized Murine Model for Excisional Wound Healing Using K14 Transgenic Mice.** M. S. Hu¹, A. T. Cheung¹, T. Leavitt¹, G. G. Walmsley¹, E. R. Zielins¹, W. Hong¹, T. Zhu¹, D. C. Wan¹, G. C. Gurtner¹, H. Lorenz¹, M. T. Longaker¹ ¹Stanford University, School Of Medicine, Palo Alto, CA, USA
- 23.54. Bariatric Surgery: Is Additional Training Really Needed?** J. P. Kuckelman¹, J. Bingham¹, M. Barron¹, M. Lallemand¹, S. R. Steele¹, V. Sohn¹ ¹Madigan Army Medical Center, General Surgery, Tacoma, WA, USA
- 23.55. CHARACTERIZATION OF PATIENTS ADMITTED TO THE ACUTE CARE SURGERY SERVICE OF A TERTIARY CARE HOSPITAL.** B. Misercola¹, J. Dreifus¹, M. Douglas¹, S. Ranney¹, K. Sihler¹ ¹Maine Medical Center, Surgery, Portland, ME, USA
- 23.56. Initiation of a Medical Student Run Surgery Journal Club.** C. H. Williams¹, K. S. Malek¹, M. K. McLeod^{1,2} ¹Michigan State University, College Of Human Medicine, East Lansing, MI, USA ²Michigan State University, Dept Of Surgery, Lansing, MI, USA
- 23.57. Electronic Medical Record Use Outside the Hospital: Impact on Resident Work Hours and Satisfaction.** M. A. Simon¹, F. Scott¹, J. G. Carson¹, B. Hamby¹, N. Hedayati¹ ¹University Of California - Davis, Surgery, Sacramento, CA, USA
- 23.58. Mastering the Interpretation of the Ubiquitous Receiver Operating Characteristic (ROC) Curve.** J. Carter¹, J. Pan², S. Rai², S. Galandiuk¹ ¹University Of Louisville School Of Medicine, Dept Of Surgery, Division Of Colorectal Surgery, Louisville, KY, USA ²University Of Louisville School Of Public Health And Information Sciences, Dept Of Bioinformatics And Biostatistics, Louisville, KY, USA

- 23.59. Clinical Outcomes of Ventral Mediastinal Hernias: A Tertiary Care Center Experience within the Past Decade.** S. M. Cruz^{1,2}, A. C. Akinkuotu^{1,2}, D. L. Cass^{1,2}, M. L. Peterson², T. C. Lee^{1,2}, C. I. Cassidy³, A. R. Mehollin-Ray³, R. Ruano⁴, S. E. Welty⁵, O. O. Olutoye^{1,2} ¹Baylor College Of Medicine, Surgery, Houston, TX, USA ²Texas Children's Hospital, Pediatric Surgery, Houston, TX, USA ³Texas Children's Hospital, Radiology, Houston, TX, USA ⁴Baylor College Of Medicine, Obstetrics And Gynecology, Houston, TX, USA ⁵Texas Children's Hospital, Pediatrics-Newborn, Houston, TX, USA
- 23.60. Feasibility of Laparoscopic Ureteroneocystostomy In A Resource-limited Setting in Eastern DRC.** D. Mukwege², A. De Cort¹, B. Cadière³, B. Mukanire Ntakwinja², D. Guha-Sapir¹ ¹Université Catholique De Louvain, Faculté De Medecine, Woluwe-Saint-Lambert, Brussels, Belgium ²Hôpital De Panzi, Bukavu, South-Kivu, Congo ³The European School Of Laparoscopic Surgery, Department Of Gastrointestinal Surgery, Brussels, Brussels, Belgium
- 23.61. Long Segment Tracheal Reconstruction in Neonates with Severe Tracheo-Bronchial Stenosis.** M. E. Mitchell¹, D. Beste¹ ¹Children's Hospital Of Wisconsin, Pediatric Cardiothoracic Surgery/Surgery/Medical College Of Wisconsin, Milwaukee, WI, USA
- 23.63. Industry-Academic Partnerships: A Trans-disciplinary Approach to Accelerate Surgical Innovation.** J. Chen¹, T. Pickett^{2,4}, A. Langell¹, A. Trane¹, B. Charlseworth⁴, K. Loken³, S. Lombardo¹, J. T. Langell^{1,2,3} ¹University Of Utah, Dept Of Surgery, Salt Lake City, UT, USA ²University Of Utah, Dept Of Bioengineering, Salt Lake City, UT, USA ³University Of Utah, School Of Business, Salt Lake City, UT, USA ⁴University Of Utah, School Of Design, Salt Lake City, UT, USA
- 23.65. Increased prevalence of systemic inflammatory disease in patients with carotid stenosis .** S. Y. Shalaby^{1,2}, T. R. Foster^{1,2}, J. Hanisch^{1,2}, P. Vasilas², A. Dardik^{1,2} ¹Yale University School Of Medicine, Section Of Vascular Surgery, New Haven, CT, USA ²VA Connecticut Healthcare System, Section Of Vascular Surgery, West Haven, CT, USA
- 23.66. Selective Smo-Inhibition Interferes With Cellular Energetic Metabolism In Colorectal Cancer .** P. Magistri¹, F. D'Angelo¹, M. Valerio³, L. Casadei³, C. Battistelli², R. Strippoli², L. Amicone², M. Tripodi², G. Ramacciato¹, G. Nigri¹ ¹Sapienza University Of Rome, Dept Of Medical And Surgical Sciences And Translational Medicine, Rome, RM, Italy ²Sapienza University Of Rome, Dept Of Cellular Biotechnology And Hematology, Division Of Molecular Genetics, Rome, RM, Italy ³Sapienza University Of Rome, Dept Of Chemistry, Rome, RM, Italy
- 23.67. Practicing surgeons' motivations and goals for participation in a statewide surgical coaching program.** L. Frasier¹, H. Beasley¹, H. Ghousseini², S. Pavuluri Quamme¹, N. Brys¹, D. Wiegmann³, C. Greenberg¹ ¹University Of Wisconsin, Surgery, Madison, WI, USA ²University Of Wisconsin, Education, Madison, WI, USA ³University Of Wisconsin, Engineering, Madison, WI, USA
- 23.68. Using Biomarkers to Detect Anastomotic Leakage Following Colorectal Surgery: A Systematic Review.** B. Su¹, H. Mikaere¹, J. Rahiri¹, I. Bissett^{1,3}, A. G. Hill^{1,2} ³Auckland City Hospital, Dept Of Surgery, Auckland, New Zealand ¹The University Of Auckland, Dept Of Surgery, Auckland, New Zealand ²Ko Awatea, Middlemore Hospital, Counties Manukau District Health Board, Auckland, New Zealand
- 23.70. Trauma Patients Warrant Upper and Lower Extremity Venous Duplex Ultrasound Surveillance.** A. H. Tyroch¹, J. Smith¹, A. Andrade¹, J. A. Ramos², S. McLean¹ ¹Texas Tech University Health Sciences Center, Paul L. Foster School Of Medicine/ Surgery, El Paso, TX, USA ²University Medical Center Of El Paso, Trauma, El Paso, TX, USA

TUESDAY

WEDNESDAY

THURSDAY

6:30PM - 7:30PM

Opening Exhibit and Poster Session (continued)

GRAND FOYER BALLROOM

TUESDAY

23.71. Use of iPad Minis During the Core Surgery Clerkship .
R. B. Robbins¹, R. Braga¹, D. Stonehocker¹, A. Cochran¹ ¹University Of Utah, Department Of Surgery, Salt Lake City, UT, USA

23.74. The Top 100 Manuscripts in Thoracic Surgery: A Bibliometric Analysis. T. M. Connelly¹, W. Kolcow², J. Kelly¹, D. Veerasingam², M. DaCosta² ¹University Hospital Galway, Surgery, Galway, Ireland ²University Hospital Galway, Cardiothoracic Surgery, Galway, Ireland

23.75. Fires In Refugee Camps: Current Situation And Opportunities To Improve Fire Prevention And Control. Y. Kazerooni¹, A. Gyedu⁴, G. Burnham⁷, B. Nwomeh⁸, A. Charles⁹, B. Mishra², S. Kuah¹¹, A. Kushner^{5,7,10}, B. Stewart^{3,4} ¹International Rescue Committee, Emergency Response Team, New York, NY, USA ¹⁰Ohio State University, College Of Medicine, Columbus, OH, USA ²King Georges Medical University, Department Of Plastic, Re-constructive & Aesthetic Surgery, Lucknow, Uttar Pradesh, India ³University Of Washington, Department Of Surgery, Seattle, WA, USA ⁴Kwame Nkrumah University Of Science And Technology, Department Of Surgery, Kumasi, Ashanti, Ghana ⁵Columbia University, Surgery, New York, NY, USA ⁷Johns Hopkins University School Of Public Health, Department Of International Health, Baltimore, MD, USA ⁸Nationwide Children's Hospital, Department Of Pediatric Surgery, Columbus, OH, USA ⁹University Of North Carolina At Chapel Hill, Division Of General And Acute Care Surgery, Chapel Hill, NC, USA ¹⁰Surgeons OverSeas, New York, NY, USA

WEDNESDAY

THURSDAY

23.76. Surgery in the South Pacific: A Systematic Review of the Literature. E. E. Lee^{1,2}, L. Lam¹, K. Inaba¹, C. M. Tan³, A. L. Kushner^{2,4,5} ¹University Of Southern California, Department Of Surgery, Los Angeles, CA, USA ²Johns Hopkins Bloomberg School Of Public Health, Department Of International Health, Baltimore, MD, USA ³World Health Organization, Western Pacific Regional Office, Division Of Health Systems, Manila, Philippines ⁴Columbia University, Department Of Surgery, New York, NY, USA ⁵Surgeons OverSeas, New York, NY, USA

23.77. Socioeconomic impact of pediatric surgical conditions requiring ostomies in Uganda: a pilot survey. A. Muzira¹, N. Kakembo¹, P. Kisa¹, R. Ayikoru¹, T. Fitzgerald³, M. Langer², J. Sekabira¹, D. Ozgediz⁴ ¹Mulago Hospital, Kampala, Uganda ²Maine Medical Center, Portland, ME, USA ³Texas Tech University At El Paso, El Paso, TX, USA ⁴Yale University School Of Medicine, New Haven, CT, USA

23.78. Bridging the Knowledge Gap: Open-Access Surgical Journals in Low and Low-Middle Income Countries. A. V. Gore¹, M. S. Granick¹, Z. C. Sifri¹ ¹Rutgers - NJMS, Newark, NJ, USA

23.79. Phytodrug-loaded Nanoceria Formulations Against Neuroblastoma. I. Kalashnikova¹, C. J. Neal², S. Das¹, T. J. Westmoreland³, S. Seal^{1,2} ¹University Of Central Florida, Nanoscience Technology Center, Advanced Materials Processing And Analysis Center, Orlando, FL, USA ²University Of Central Florida, Materials Science And Engineering, College Of Medicine, Orlando, FL, USA ³Nemours Children Hospital, Surgery, Orlando, FL, USA

TUESDAY	6:30AM - 8:00AM	Continental Breakfast	GRAND FOYER BALLROOM
	6:30AM - 7:30AM	AAS Trainee/Mentor Breakfast (Invitation Only)	GRAND BALLROOM 1-3
	6:30AM - 7:30AM	SUS New Members Breakfast (Invitation Only)	GRAND BALLROOM 6-8
	7:30AM - 9:30AM	Integrated Oral Presentations Session I (Sessions 24 - 41)	
24. BASIC SCIENCE: CARDIOTHORACIC - CARDIOVASCULAR BIOLOGY/PHYSIOLOGY			CITY TERRACE 4

MODERATORS: Hitose Hirose, MD, PhD & Benjamin Levi, MD

24.01. Intraoperative Molecular Imaging Of Pulmonary Adenocarcinomas Using A Targeted Near-Infrared Dye. J. J. Keating¹, O. Okusanya¹, S. Nims¹, J. Predina¹, C. Deshpande², S. Nie³, P. Low⁴, S. Singhal¹ ¹University Of Pennsylvania, Thoracic Surgery, Philadelphia, PA, USA ²University Of Pennsylvania, Pathology, Philadelphia, PA, USA ³Emory University, Biomedical Engineering And Chemistry, Atlanta, GA, USA ⁴Purdue University, Chemistry, West Lafayette, IN, USA

24.02. Benefits of Ex Vivo Lung Perfusion Persist Despite Increasing Warm Ischemia Time Prior To Procurement. E. J. Charles¹, M. E. Huerter², J. H. Mehaffey¹, A. K. Sharma¹, J. M. Isbell¹, C. L. Lau¹, C. G. Tribble¹, V. E. Laubach¹, I. L. Kron¹ ¹University of Virginia, Department of Surgery, Charlottesville, VA, USA ²University of Illinois at Chicago, Dept of Surgery, Chicago, IL, USA

24.03. Cardiac Progenitor Cell Recruitment Inhibition Following Fetal MI Leads to Increased Inflammation. C. Zgheib¹, J. Xu¹, M. Allukian², M. W. Morris¹, R. C. Caskey², M. Hodges¹, J. H. Gorman², R. C. Gorman², K. W. Liechty¹ ¹Laboratory For Fetal and Regenerative Biology, Dept of Surgery, School of Medicine, University of Colorado Denver - Anschutz Medical Campus and Colorado Children's Hospital, Aurora, CO, USA ²The University of Pennsylvania School of Medicine, Philadelphia, Philadelphia, PA, USA

24.04. Calpain Inhibition Effects Cytoskeletal Protein Expression A Model of Chronic Myocardial Ischemia. B. A. Potz¹, A. A. Sabe¹, N. Y. Elmadhun¹, J. A. Feng¹, I. J. Lawandy¹, F. W. Sellke¹ ¹Brown University, Surgery/Cardiothoracic Surgery/ Warren Alpert Medical School, Providence, Rhode Island, USA

24.05. Calpain Inhibition Decreases Inflammatory Protein Expression In A Model Of Chronic Myocardial Ischemia. B. A. Potz¹, A. A. Sabe¹, N. Y. Elmadhun¹, I. J. Lawandy¹, J. A. Feng¹, F. W. Sellke¹ ¹Brown University, Surgery/Cardiothoracic Surgery/ Warren Alpert Medical School, Providence, Rhode Island, USA

24.06. Biomimetic Scaffolds for the Guided Orientation of DFAT Cells for Cardiac Tissue Engineering. E. Tsang¹, K. Chyu¹, L. Iancu¹, P. Benharash¹, R. Shemin¹ ¹David Geffen School of Medicine at UCLA, Cardiothoracic Surgery, Los Angeles, CA, USA

24.07. Regulation of Cardiac fibroblast transformation and collagen synthesis by gain of function RAF1 mutation. A. Badami¹, M. Razzaque¹, P. Klepacz¹, A. Resop¹, X. Xu¹, M. Han¹, S. Akhter¹ ¹University of Wisconsin, Cardiothoracic/Surgery, Madison, WI, USA

24.08. Estrogen-induced SDF-1 in Stem Cell-related Cardiac Protection in Females following Acute Ischemia. M. Wang¹, W. Zhang², T. G. Cook³, L. Wang¹, M. Turrentine¹ ¹Indiana University School of Medicine, Cardiothoracic/Surgery, Indianapolis, IN, USA ²Indiana University School of Medicine, Pediatrics, Indianapolis, IN, USA ³Indiana University School of Medicine, Medicine, Indianapolis, IN, USA

24.09. Metformin Alters Myocardial Substrate Selection During Normokalemia and Potassium Cardioplegia. C. Holmes¹, L. Powell¹, N. Clarke¹, M. Jessen¹, M. Peltz¹ ¹University of Texas Southwestern Medical Center, Cardiovascular and Thoracic Surgery, Dallas, TX, USA

24.10. Signature of Calcium Handling in Right Ventricular Failure and Recovery. M. E. Bowen¹, H. Li¹, X. Liu¹, P. M. Sundwall¹, M. H. Stephen¹ ¹University of Utah, Cardiothoracic Surgery, Salt Lake City, UT, USA

TUESDAY

WEDNESDAY

THURSDAY

7:30AM - 9:30AM

Integrated Oral Presentations Session I

25. BASIC SCIENCE: GENERAL SURGERY - DISEASE PATHOGENESIS

CITY TERRACE 5

MODERATOR: Kevin Mollen, MD

25.01. **Ca²⁺/Calmodulin-Dependent Kinase IV Contributes to Intestinal Inflammation During Murine Colitis**. K. E. Cunningham¹, E. A. Novak², G. J. Vincent², M. R. Rosengart¹, K. P. Mollen²

¹University of Pittsburgh Medical Center, Surgery, Pittsburgh, PA, USA ²Children's Hospital of Pittsburgh of UPMC, Pediatric Surgery, Pittsburgh, PA, USA

25.02. **Hydrogen-saline Protects against Postoperative Ileus Associated with Reduced Nitric Oxide Production**. A. Okamoto¹, Y. Yamashita¹, M. Aoyama-Ishikawa¹, K. Kohama¹, T. Nishimura¹, N. Fujisaki¹, J. Kotani¹, A. Nakao¹

¹Hyogo College of Medicine, Department of Emergency and Critical Care Medicine, Nishinomiya City, Hyogo Prefecture, Japan

25.03. **Effect of Geraniol on a Murine Model of Colitis**. S. A. Morrison¹, S. Hamarneh¹, D. Hu¹, H. Hu¹, W. Zhang¹, K. Economopoulos¹, S. Gul¹, R. Hodin¹

¹Massachusetts General Hospital, Surgery, Boston, MA, USA

25.04. **IL33 from Liver Sinusoidal Endothelial Cells Induces NET Formation in Hepatic Sterile Inflammation**. D. J. Van Der Windt¹, H. Huang¹, H. Chen¹, H. Chen¹, B. R. Rosborough¹, H. Yazdani¹, P. Loughran¹, A. Tsung¹

¹University Of Pittsburgh, Department Of Surgery, Pittsburgh, PA, USA

25.05. **Invariant natural killer T (iNKT) cells modulate expression of interleukin (IL)-25 in sepsis**. T. T. Chun¹, D. S. Heffernan¹, C. Erlyana¹, W. G. Cioffi¹, C. Chung¹, A. Ayala¹

¹Brown University School of Medicine, Surgery, Providence, RI, USA

25.06. **Ursodeoxycholic Acid Protects Against Experimental Peritonitis By Promoting Enterocyte Migration**. J. Golden¹, O. Escobar¹, L. Illingworth¹, K. Shin¹, H. Ford¹, C. Gayer¹

¹Children's Hospital Los Angeles, Pediatric Surgery, Los Angeles, CA, USA

25.07. **Therapeutic Treatment With Saquinavir Improves Acetaminophen-Induced Hepatotoxicity**. T. Li^{1,2}, P. Deng¹, V. Gollapudi¹, E. Bauer¹, T. Billiar¹

¹University of Pittsburgh, Surgery/School of Medicine, Pittsburgh, PA, USA ²Central South University, Xiangya School of Medicine, Changsha, Hunan, China

25.08. **Morbid Obesity Provokes Resistance to Endogenous Tissue-Type Plasminogen Activator**. A. P. Morton^{1,2}, J. Schoen^{1,5}, H. B. Moore^{1,2}, P. Lawson², M. Dzieciatkowska², M. P. Chapman², C. Fleming^{2,3}, C. Silliman^{2,4}, E. E. Moore^{2,3}

¹University of Colorado Hospital, Department of Surgery, Aurora, CO, USA ²University of Colorado, Trauma Research Center, Aurora, CO, USA ³Denver Health Medical Center, Department of Surgery, Denver, CO, USA ⁴Bonfils Blood Center, Denver, CO, USA ⁵University of Colorado, Surgical Weight Loss Center, Aurora, CO, USA

25.09. **Histone Deacetylase Inhibitors Modulate Platelet and Coagulation Function In-Vitro**. T. Bambakidis^{1,2}, S. E. Dekker¹, I. Halaweish¹, B. Liu¹, P. Piascik¹, W. He¹, Y. Li¹, M. Sillesen¹, V. Nikolian³, H. Alam¹

¹University of Michigan, General Surgery, Ann Arbor, MI, USA ²Case Western Reserve University School of Medicine, Cleveland, OH, USA ³University Of Michigan Health System, Ann Arbor, MI, USA

25.10. **SDF-1a improves collagen homeostasis in diabetic wounds through modulation of miR-25 expression**. J. Xu¹, C. Zgheib¹, J. Hu¹, K. W. Liechty¹

¹University Of Colorado Denver, Laboratory For Fetal And Regenerative Biology, Department Of Surgery, Aurora, CO, USA

7:30AM - 9:30AM

Integrated Oral Presentations Session I

26. BASIC SCIENCE: ONCOLOGY - CANCER GENETICS

CITY TERRACE 6

MODERATORS: Julie Lang, MD & Nita Ahuja, MD

26.01. **Bladder Tumor Initiating Cells as Predictors of Outcome**. K. Skowron¹, J. Namm², S. Pitroda³, M. Beckett³, N. Khodarev³, M. Posner^{1,4}, G. Steinberg², R. Weichselbaum³

¹University of Chicago, Department Of Surgery / Section Of General Surgery, Chicago, IL, USA ²University Of Chicago, Department Of Surgery / Section Of Urology, Chicago, IL, USA ³University Of Chicago, Department Of Radiation And Cellular Oncology, Chicago, IL, USA ⁴Loma Linda University Health, Department Of Surgery, Loma Linda, CA, USA ⁵University Of Chicago, Department Of Surgery / Section Of Surgical Oncology, Chicago, IL, USA

26.02. **MIR-23a Down-regulates Interferon Regulatory Factor-1 (IRF-1) in Hepatocellular Carcinoma**. Y. Yan^{1,2}, Z. Liang^{1,2}, Q. Du¹, M. Yang¹, D. A. Geller¹

¹University Of Pittsburgh, Department Of Surgery, Pittsburgh, PA, USA ²The First Affiliated Hospital Of Guangxi Medical University, Nanning, Guangxi, China

26.03. **Hexokinase 2 Promotes Primary Tumor Growth and Metastasis in Pancreatic Cancer**. R. Marayati¹, M. Anderson^{1,2}, J. Yeh^{1,2,3,4}

¹University Of North Carolina At Chapel Hill, Lineberger Comprehensive Cancer Center, Chapel Hill, NC, USA ²University Of North Carolina At Chapel Hill, School Of Medicine, Chapel Hill, NC, USA ³University Of North Carolina At Chapel Hill, Department Of Surgery, Chapel Hill, NC, USA ⁴University Of North Carolina At Chapel Hill, Department Of Pharmacology, Chapel Hill, NC, USA

26.05. **Mir-205 Derived From Pancreatic Cancer Cells Induces CXCL10 Production by the Associated Stroma**. S. Han¹, D. Delitto¹, D. H. Gonzalo², J. George¹, D. Zhang¹, M. Beveridge¹, R. M. Thomas¹, J. Trevino¹, S. Hughes¹

²University of Florida, Pathology, Gainesville, FL, USA ³University of Florida, School of Science, Gainesville, FL, USA ¹University of Florida, Surgery, Gainesville, FL, USA

26.06. **Genetic polymorphisms in 5-FU related enzymes predict complete pathologic response in rectal cancer**. B. A. Nelson¹, J. Carter¹, M. R. Eichenberger¹, U. Netz¹, S. Galandiuk¹

¹University Of Louisville School Of Medicine, Department Of Surgery, Division Of Colorectal Surgery, Louisville, KY, USA

26.07. **Differences In Expression Patterns Between Early- And Late-onset Rectal Tumors**. J. Jandova¹, V. N. Nfonam¹

¹University of Arizona, Surgical Oncology/Surgery/Medicine, Tucson, AZ, USA

26.08. **Oligometastatic microRNAs are regulated by DNA methylation**. G. Oshima^{1,2}, S. P. Pitroda^{2,3}, C. Zhang⁴, L. Huang⁴, A. Uppal¹, S. C. Wightman¹, M. E. Stack¹, S. Lim¹, X. Huang^{2,3}, T. E. Darga^{2,3}, J. Andrade⁴, M. C. Posner^{1,3}, N. N. Khodarev^{2,3}, R. R. Weichselbaum^{2,3}

²University of Chicago, Department of Radiation And Cellular Oncology, Chicago, IL, USA ³University of Chicago, Ludwig Center for Metastasis Research, Chicago, IL, USA ⁴University of Chicago, Center for Research Informatics, Chicago, IL, USA ¹University of Chicago, Department of Surgery, Chicago, IL, USA

26.09. **Overexpression of Cytochrome P450 CYP2 Family in Adrenocortical Carcinoma**. T. D. Murtha¹, T. C. Brown¹, F. Haglund², C. C. Juhlin², C. Larsson², J. C. Rubinstein¹, R. Korah¹, T. J. Carling¹

¹Yale University School Of Medicine, Department Of Surgery, New Haven, CT, USA ²Karolinska Institutet, Department Of Oncology-Pathology, Stockholm, Sweden

26.10. **Splice Variants Of The Long Non-Coding RNA GAS5 In Neuroblastoma**. A. Rosado¹, J. Mazar², T. Westmoreland¹

¹Nemours Children Hospital, Orlando, FL, USA ²Sanford Burnham Prebys Medical Discovery Institute, Orlando, FL, USA

7:30AM - 9:30AM

Integrated Oral Presentations Session I

27. BASIC SCIENCE: ONCOLOGY - GROWTH FACTORS/RECEPTORS/SIGNAL TRANSDUCTION 1

CITY TERRACE 7

MODERATORS: Jason S. Gold, MD & Clifford S. Cho, MD

TUESDAY

27.04. *JSS ABSTRACT WINNER: Recombinant thrombomodulin suppresses tumor growth of pancreatic cancer by inhibition of NF- κ B. Y. Shirai^{1,2}, H. Shiba¹, T. Uwagawa¹, N. Saito^{1,2}, H. Sugano^{1,2}, T. Horiuchi^{1,2}, R. Iwase¹, K. Haruki¹, Y. Fujiwara¹, K. Furukawa¹, T. Ohashi², K. Yanaga¹ ¹The Jikei University School Of Medicine, Surgery, Minato-ku, Tokyo, Japan ²The Jikei University School Of Medicine, Gene Therapy, Minato-ku, Tokyo, Japan

27.07. SMAD4 Loss is Associated with Recurrence After Resection of Gastrointestinal Neuroendocrine Tumors . L. F. Starker¹, C. L. Roland¹, K. Yaan¹, D. Chatterjee², J. Estrella², A. Rashid², J. Lee¹, J. Yao², M. Katz¹, T. Aloia¹, J. Fleming¹, J. Fleming¹ ¹University Of Texas MD Anderson Cancer Center, Department Of Surgical Oncology, Houston, TX, USA ²University Of Texas MD Anderson Cancer Center, Pathology, And Gastrointestinal Medical Oncology, Houston, TX, USA

WEDNESDAY

27.03. *JSS ABSTRACT: RT Entrained Macrophages Induce Tumor Promoting Adaptive Immune Suppression in Pancreatic Carcinoma. G. Werba¹, L. Seifert¹, S. Tiwari¹, N. Ly¹, A. Avanzi¹, T. Borjas¹, A. Kalabin¹, R. M. Barilla^{1,2}, S. K. Mahmood¹, R. Narayanan¹, D. Tippens¹, C. Whiteman¹, G. Miller^{1,2} ¹New York University School of Medicine, Dept of Surgery, New York, NY, USA ²New York University School of Medicine, Dept of Cell Biology, New York, NY, USA

27.08. Targeting Sphingosine-1-phosphate in Obesity-induced Angiogenesis in Breast Cancer Progression. M. Nagahashi¹, K. Moro¹, J. Tsuchida¹, T. Niwano¹, K. Tatsuda¹, C. Toshikawa¹, M. Hasegawa¹, Y. Koyama¹, T. Kobayashi¹, S. Kosugi², H. Kameyama¹, A. Yamada³, T. Aoyagi³, K. Takabe³, T. Wakai¹ ¹Niigata University Graduate School Of Medical And Dental Sciences, Division Of Digestive And General Surgery, Niigata, NIIGATA, Japan ²Uonuma Kikan Hospital, Division Of Digestive And General Surgery, Minami-Uonuma, NIIGATA, Japan ³Virginia Commonwealth University School Of Medicine And The Massey Cancer Center, Surgical Oncology, Richmond, VA, USA

27.01. HMGB1 mediates mitochondrial biogenesis in cancer cells to promote tumorigenesis and progression. S. Tohme¹, H. Yazdani¹, Y. Liu¹, H. Huang¹, A. Tsung¹ ¹University Of Pittsburgh, General Surgery, Pittsburgh, PA, USA

27.09. Tissue and Serum Cytokine Profiles in Sporadic Colon Cancer: Shift from Th-1 to Th-17 Response. S. Sharp¹, D. Avram², W. O'Connor¹, E. Lee¹, S. Stain¹ ¹Albany Medical College, Surgery, Albany, NY, USA ²University Of Florida, Gainesville, FL, USA

THURSDAY

27.02. Absence of NF κ B in Tumor Stroma and Infiltrating Immune Cells Impedes Pancreatic Cancer Progression. K. Majumder¹, N. Arora¹, B. Garg¹, S. Modi¹, B. Giri¹, M. K. Singh¹, S. Ramakrishnan¹, S. Banerjee¹, A. Saluja¹, V. Dudeja¹ ¹University Of Minnesota, Surgery, Minneapolis, MN, USA

27.10. A Smad4-modulated gene profile is associated with high-risk stage II/III colorectal cancer patients. J. Smith^{1,6}, H. S. Park¹, S. Chen³, B. Zhang⁴, R. Beauchamp², C. Sawyers⁵, J. Garcia-Aguilar^{1,6} ¹Weill Cornell Medical College, New York, NY, USA ²Vanderbilt University Medical Center, Section Of Surgical Sciences, Nashville, TN, USA ³University Of Miami, Bioinformatics And Biostatistics, Miami, FL, USA ⁴Vanderbilt University Medical Center, Biomedical Informatics Department, Nashville, TN, USA ⁵Memorial Sloan-Kettering Cancer Center, Human Oncology And Pathogenesis Program, New York, NY, USA ⁶Memorial Sloan-Kettering Cancer Center, Surgical Oncology / Colorectal Service, New York, NY, USA

27.05. The Necrosome Promotes Pancreatic Oncogenesis via CXCL1 and Mincle-Induced Immune Suppression. G. Werba¹, L. Seifert¹, D. Alqunaibit¹, S. Alothman¹, M. Pergamo¹, A. Avanzi¹, S. Tiwari¹, M. Pansari¹, N. Ly¹, D. Daley¹, S. Grecco¹, R. Barilla¹, A. Torres-Hernandez¹, M. Rendon¹, D. Tippens¹, G. Miller^{1,2} ¹New York University School Of Medicine, Department Of Surgery, New York, NY, USA ²New York University School Of Medicine, Department Of Cell Biology, New York, NY, USA

27.06. Dectin-1 Signaling Promotes Pancreatic Oncogenesis by Inducing Peritumoral Immune Suppression. D. Daley¹, L. Seifert¹, A. Ochi¹, N. Akkad¹, R. Narayanan¹, S. Chang¹, S. Jonnadula¹, R. Barilla¹, A. Torres-Hernandez¹, G. Werba¹, M. Hundeyin¹, G. Miller¹ ¹New York University School Of Medicine, Department Of Surgery, New York, NY, USA

7:30AM - 9:30AM

Integrated Oral Presentations Session I

28. BASIC SCIENCE: PEDIATRICS/PLASTICS:

CITY TERRACE 8

DEVELOPMENTAL BIOLOGY/REGENERATIVE MEDICINE/ISSUE ENGINEERING/WOUND HEALING 1

MODERATORS: Sundeep G. Keswani, MD & Eugene Kim, MD

28.01. Transdifferentiation of Prominin-1 Expressing Progenitor Cells Promotes Biliary Fibrosis. M. Nguyen¹, J. Zagory¹, W. Dietz¹, N. Mavila¹, A. Park¹, M. Adoumie¹, P. Trinh¹, K. Asahina², K. Wang¹ ¹Children's Hospital Los Angeles, Pediatric Surgery, Los Angeles, CA, USA ²University Of Southern California, Research Center For ALPD And Cirrhosis, Dept Of Pathology, Los Angeles, CA, USA

28.02. Fibrogenic Signaling in Hepatic Stellate Cells is Triggered by Exosomes from Injured Hepatocytes. L. Chen¹, R. Chen¹, D. Brigstock^{1,2} ¹Nationwide Children's Hospital, Pediatric Surgery, Columbus, OH, USA ²Ohio State University, Pediatric Surgery, Columbus, OH, USA

28.03. Human Tissue-Engineered Liver Demonstrates Synthetic and Metabolic Function. A. Trecartin¹, N. Mavila^{1,2}, R. Spurrier^{1,2}, Y. Xiao¹, M. Wieck¹, X. Fu¹, K. Wang¹, T. Grikscheit¹ ¹Children's Hospital Los Angeles, Pediatric Surgery, Los Angeles, CA, USA ²Cedars-Sinai Medical Center, Los Angeles, CA, USA

28.04. Tissue Engineered Liver Replacement Using Autologous Vascular Beds. P. Than¹, C. Davis¹, M. Findlay¹, W. Liu¹, S. Khong¹, M. Rodrigues¹, A. Whittam¹, M. Melcher¹, G. Gurtner¹ ¹Stanford University, Surgery, Stanford, CA, USA

28.06. BMPR-1A+ Adipose-Derived Stromal Cells: Promising Candidates for Soft Tissue Reconstruction. E.R. Zielins¹, K.J. Paik¹, A. Luan¹, E.A. Brett¹, G.G. Walmsley¹, K. Senarath-Yapa¹, C. Blackshear¹, O. Marecic¹, J. Flacco¹, M.T. Longaker¹, D.C. Wan¹ ¹Stanford University, Plastic and Reconstructive Surgery, Palo Alto, CA, USA

28.07. Topical Jagged1, a Notch Activator, Results in Increased Wound Closure Rates in Diabetic Mice. K.E. Leibl¹, A. Martin¹, T.W. King¹ ¹University of Wisconsin, Plastic Surgery, Madison, WI, USA

28.08. Fibroblast Growth Factor Signal Alters Intestinal Adaptation in Zebrafish Short Bowel Syndrome Model. K. A. Holoyda¹, K. A. Schall¹, C. Lien², T. C. Grikscheit¹ ¹Children's Hospital Los Angeles/The Saban Research Institute, Department Of Pediatric Surgery, Los Angeles, CA, USA ²Children's Hospital Los Angeles/The Saban Research Institute, Division Of Cardiothoracic Surgery, Los Angeles, CA, USA

28.09. Ischemia Reperfusion Injury Stimulates Neurogenesis In The Myenteric Plexus Of The Murine Small Bowel. N. Gandotra¹, J. J. Tackett¹, C. J. Greig¹, R. A. Cowles¹ ¹Yale University School Of Medicine, New Haven, CT, USA

28.10. Ex Vivo Enteroid Cultures Can Be Used To Produce Tissue Engineered Intestine. B. Cromeens¹, Y. Liu¹, J. Stathopoulos¹, G. Besner¹ ¹Nationwide Children's Hospital, Department Of Pediatric Surgery, Columbus, OH, USA

28.11. Alterations in Tight Junctions in a CS Model of NEC Give Insight into the Disease's Pathophysiology. B. P. Blackwood^{1,2,3}, C. Yuan², D. Wood², C. J. Hunter^{1,2} ¹Ann And Robert H. Lurie Children's Hospital Of Chicago, Pediatric Surgery, Chicago, ILLINOIS, USA ²Northwestern University Feinberg School Of Medicine, Pediatrics, Chicago, Illinois, USA ³Rush University Medical Center, General Surgery, C, I, USA

7:30AM - 9:30AM

Integrated Oral Presentations Session I

29. BASIC SCIENCE: PEDIATRICS - DISEASE PATHOGENESIS

CITY TERRACE 9

MODERATOR: Greg Tiao, MD

29.01. Slit3 Knockout Mice with CDH Develop RV Remodeling and Altered Pulmonary Arterial Hemodynamics. M. Shah¹, M. R. Phillips¹, M. Quintana¹, G. Stupp¹, S. E. McLean¹ ¹University Of North Carolina At Chapel Hill, Chapel Hill, NC, USA

29.02. Igf1r Inhibition Requires Luminal Factors to Abrogate Intestinal Adaptation in a Zebrafish SBS Model. K. A. Schall¹, K. Holoyda¹, C. N. Grant¹, C. Lien², T. C. Grikscheit¹ ¹Children's Hospital Los Angeles, Department Of Pediatric Surgery, Los Angeles, CA, USA ²Children's Hospital Los Angeles, Division Of Cardiothoracic Surgery, Los Angeles, CA, USA

29.03. Murine Model of Viral-Induced Hepatic Fibrosis. I. N. Lobeck¹, P. Dupree¹, B. Donnelly¹, S. Mohanty¹, A. Walther¹, M. McNeal², G. Tiao¹ ²Cincinnati Children's Hospital Medical Center, Division Of Infectious Disease, Cincinnati, OH, USA ¹Cincinnati Children's Hospital Medical Center, Division Of Pediatric General And Thoracic Surgery, Cincinnati, OH, USA

29.04. Activation of pDCs by Rhesus Rotavirus VP4: Evidence of Innate Immune Response in Biliary Atresia. P. D. Dupree¹, I. Lobeck¹, B. Donnelly¹, A. Walther¹, M. McNeal², E. Janssen³, S. Mohanty¹, G. Tiao¹ ²Cincinnati Children's Hospital Medical Center, Infectious Disease, Cincinnati, OH, USA ³Cincinnati Children's Hospital Medical Center, Immunobiology, Cincinnati, OH, USA ¹Cincinnati Children's Hospital Medical Center, Pediatric Surgery, Cincinnati, OH, USA

29.05. PROMININ-1 promotes biliary fibrosis associated with biliary atresia. J. A. Zagory¹, M. V. Nguyen¹, W. Dietz¹, P. Trinh¹, M. Adoumie¹, N. Mavila², L. Wang¹, D. Nguyen¹, K. Wang¹ ²Cedars-Sinai Medical Center, Gastroenterology, Los Angeles, CA, USA ¹Children's Hospital Los Angeles, Surgery, Los Angeles, CA, USA

29.06. Accelerated Hepatic Steatosis is Induced by Small Bowel Resection and Prevented by Oral Vancomycin. L.K. Barron^{1,2}, C.R. Erwin², C.P. Gayer^{3,4}, B.W. Warner^{1,2} ³Keck School of Medicine, Los Angeles, CA, USA ⁴University of Southern California, Los Angeles, CA, USA ¹Washington University in St. Louis, Dept of Surgery, St. Louis, MO, USA ²St. Louis Children's Hospital, Division of Pediatric Surgery, St. Louis, MO, USA

29.07. TPN Derived Bacteria Induces Epithelial Changes in a Human Intestinal Organoid Model. M. Barrett⁴, D. Hill⁸, M. Koenigsknect¹⁰, F. Demehri⁴, V. Krishnan⁹, Y. Feng², J. Spence⁸, V. Young⁵, D. Teitelbaum² ²University Of Michigan, Department Of Pediatric Surgery, Ann Arbor, MI, USA ⁴University Of Michigan, Department Of General Surgery, Ann Arbor, MI, USA ⁵University Of Michigan, Department Of Microbiology And Immunology, Ann Arbor, MI, USA ⁷University Of Michigan, Department Of Gastroenterology, Ann Arbor, MI, USA ⁸University Of Michigan, Department Of Cell And Developmental Biology, Ann Arbor, MI, USA ⁹University Of Michigan, Ann Arbor, MI, USA ¹⁰University Of Michigan, Division Of Infectious Disease, Ann Arbor, MI, USA

29.08. Improved Survival Following Induction of Sepsis by Cecal Slurry in PD-1 Knockout Murine Neonates. W. A. Young¹, E. A. Fallon¹, C. P. Erickson¹, C. S. Muratore¹, W. G. Cioffi¹, D. S. Heffernan¹, A. Ayala¹ ¹Brown University School Of Medicine, Division Of Surgical Research, Providence, RI, USA

29.09. Deficiency in MFG-E8 Decreases Survival in Neonatal Sepsis by Exacerbating Intestinal Injury. L. W. Hansen^{1,2}, W. Yang^{1,2}, A. Khader¹, J. M. Prince^{1,2}, J. M. Nicastro¹, G. F. Coppa¹, P. Wang^{1,2} ¹Hofstra North Shore-LIJ School Of Medicine, Surgery, Manhasset, NY, USA ²The Feinstein Institute For Medical Research, Center For Translational Research, Manhasset, NY, USA

29.10. Alum Pretreatment Enhances Phagocytosis and Improves Survival in Neonatal Polymicrobial Sepsis. B. Mathias¹, J. Rincon¹, A. L. Cuenca¹, D. Nacionales², L. L. Moldawer², S. D. Larson¹ ¹University Of Florida, Division Of Pediatric Surgery/Department Of Surgery, Gainesville, FL, USA ²University Of Florida, Department Of Surgery, Gainesville, FL, USA

7:30AM - 9:30AM

Integrated Oral Presentations Session I

30. BASIC SCIENCE & OUTCOMES/CLINICAL: TRANSPLANTATION

CITY TERRACE 10

MODERATORS: Malcolm MacConmara, MB,BCh, BAO & Sanjay Kulkarni, MD

30.01. NK1.1+ Cells May Play A Role in B Cell-Dependent Transplant Tolerance. H. Deirawan¹, W. Liu¹, L. Liu¹, R. Stott¹, K. M. Lee¹, J. I. Kim¹, J. F. Markmann¹ ¹Massachusetts General Hospital, Division Of Transplant Surgery, Boston, MA, USA

30.02. Necroptosis Plays a Role in Liver Transplant Ischemia/Reperfusion Injury in IRF-1 Dependent Manner. J. Goswami¹, R. How¹, Q. Du², S. Kimura², D. Geller^{1,2} ¹University of Pittsburgh Medical Center, Department of Surgery, Pittsburgh, PA, USA ²Thomas E. Starzl Transplantation Institute, Dept of Surgery, University of Pittsburgh School of Medicine, Pittsburgh, PA, USA

30.03. Donor-derived Intravascular Monocytes Lead to Native Lung Neutrophilia During Single Lung Transplant. S. Chiu^{1,4}, Z. Zheng⁴, H. Sun³, R. Fernandez¹, M. DeCamp¹, M. Abecassis⁴, D. Kreisel⁶, G. S. Budinger³, H. Perlman⁵, A. Misharin^{3,5}, A. Bharat¹ ¹Northwestern University, Thoracic Surgery, Chicago, IL, USA ³Northwestern University, Pulmonary And Critical Care Medicine, Chicago, IL, USA ⁴Northwestern University, Kovler Comprehensive Transplant Center, Chicago, IL, USA ⁵Northwestern University, Rheumatology, Chicago, IL, USA ⁶Washington University, Thoracic Surgery, St. Louis, MO, USA

30.04. Defatting Livers for Transplantation Using Normothermic Ex Vivo Perfusion. M. Wallace¹, J. MacLean¹, M. Thornbury³, A. Venkatachalam¹, Q. Hu², N. Ridgway^{4,5}, I. Alwayn^{1,2,3} ¹Dalhousie University, Surgery, Halifax, Nova Scotia, Canada ²Dalhousie University, Pathology, Halifax, Nova Scotia, Canada ³Dalhousie University, Microbiology & Immunology, Halifax, Nova Scotia, Canada ⁴Dalhousie University, Biochemistry & Molecular Biology, Halifax, Nova Scotia, Canada ⁵Dalhousie University, Pediatrics, Halifax, Nova Scotia, Canada

30.05. Endogenous Innate Immune Activation by Free Mitochondria. K. P. Samy¹, L. Lin¹, F. Feng¹, B. Parker¹, Y. Yang², A. D. Kirk¹, T. V. Brennan¹ ¹Duke University Medical Center, Department Of Surgery, Durham, NC, USA ²Duke University Medical Center, Departments Of Medicine And Immunology, Durham, NC, USA

30.06. Donor-derived intravascular TLR-dependent Ly6C^{low} monocytes lead primary lung allograft dysfunction. Z. Zheng¹, S. Chiu¹, H. Sun¹, Z.J. Zhang¹, M.M. DeCamp¹, D. Kreisel², S. Budinger¹, H. Perlman¹, A. Misharin¹, A. Bharat¹ ¹Northwestern University, Surgery/Thoracic, Chicago, IL, USA ²Washington University, St. Louis, MO, USA

30.07. Direct Peritoneal Resuscitation Lowers sICAM-1 and Lung Integrin-alpha in Acute Brain Death in Rats. L. H. Taylor¹, P. J. Matheson^{1,2}, C. A. Ghazi¹, J. L. Weaver¹, C. D. Downard^{1,2}, R. N. Garrison^{1,2}, J. W. Smith¹ ¹University of Louisville, Department of Surgery, Louisville, KY, USA ²Robley Rex VAMC, Department of Surgery, Louisville, KY, USA

30.08. Changes in Liver Allograft Steatosis and its Impact on Early Graft Function and Long Term Survival. J. Davis¹, S. Fuller¹, S. Kubal¹, J. Fridell¹, A. J. Tector¹, R. S. Mangus¹ ¹Indiana University School of Medicine, Transplant Division, Dept of Surgery, Indianapolis, IN, USA

30.09. Low Pressure Laparoscopic Donor Nephrectomy is Associated with Improved Donor and Recipient Outcomes. S. Kulkarni¹, E. Cohen², S. Swift¹, I. Hall³ ¹Yale University School Of Medicine, Section Of Organ Transplantation & Immunology/Department Of Surgery, New Haven, CT, USA ²Yale-New Haven Hospital, New Haven, CT, USA ³Yale University School Of Medicine, Section Of Nephrology/Department Of Medicine, New Haven, CT, USA

30.10. Living Kidney Donor Preferences: A Novel Use of a Visual Instrument to Quantify ESRD Risk Acceptance. C. Thiessen¹, J. Gannon², K. Kennedy³, D. B. Dobosz⁴, S. Li⁴, A. Mussell⁵, L. A. Skrip⁶, P. P. Reese⁵, E. J. Gordon³, S. Kulkarni¹ ¹Yale University School of Medicine, Section Of Organ Transplantation & Immunology, Department of Surgery, New Haven, CT, USA ²Yale School of Public Health, Chronic Disease Epidemiology Dept, New Haven, CT, USA ³Northwestern University Feinberg School of Medicine, Chicago, IL, USA ⁴Yale University, New Haven, CT, USA ⁵Perelman School of Medicine at The University of Pennsylvania, Renal-Electrolyte and Hypertension Division, Philadelphia, PA, USA ⁶Yale School of Public Health, Dept of Epidemiology of Microbial Diseases, New Haven, CT, USA

TUESDAY

WEDNESDAY

THURSDAY



7:30AM - 9:30AM

Integrated Oral Presentations Session I

31. BASIC SCIENCE: TRAUMA/CRITICAL CARE – ISCHEMIA/REPERFUSION

CITY TERRACE 11

MODERATORS: Michael D. Goodman, MD & Timothy A. Pritts, MD, PhD

- 31.01. *ESSR BRENDEL PRIZE WINNER: Modulating TLR-4 mucosal expression via postconditioning the small bowel after mesenteric occlusion.** O. Rosero¹, P. Onody¹, T. Kovacs¹, A. Fulop¹, D. Molnar², T. Balazsa², G. Lotz³, L. Harsanyi¹, A. Szijarto¹ ¹Semmelweis University, 1st Dept Of Surgery, Budapest, Hungary ²Semmelweis University, Dept Of Human Morphology And Developmental Biology, Budapest, Hungary ³Semmelweis University, 2nd Dept Of Pathology, Budapest, Hungary
- 31.02. Hemorrhagic Shock Induces Pulmonary Metabolopathy Mediated by Gut Ischemia.** A. W. Bacon¹, A. D'Alessandro¹, A. L. Slaughter¹, H. B. Moore¹, M. Fragoso¹, C. Silliman^{1,3}, A. Banerjee¹, E. E. Moore^{1,2} ¹University Of Colorado Denver, Dept of Surgery, Aurora, CO, USA ²Denver Health Medical Center, Dept of Surgery, Aurora, CO, USA ³Children's Hospital Colorado, Aurora, CO, USA
- 31.03. Gender Differences in Murine Renal Ischemia-Reperfusion Injury Are Mutable with Hormonal Therapy.** D. D. Aufhauser¹, D. R. Murken¹, Z. Wang¹, G. Ge¹, T. Bhatti⁴, W. W. Hancock^{3,4}, M. H. Levine^{1,2} ¹University of Pennsylvania, Surgery, Philadelphia, PA, USA ²Children's Hospital of Philadelphia, Surgery, Philadelphia, PA, USA ³University of Pennsylvania, Pathology and Laboratory Medicine, Philadelphia, PA, USA ⁴Children's Hospital of Philadelphia, Pathology and Laboratory Medicine, Philadelphia, PA, USA
- 31.04. Amitriptyline Treatment Improves Survival After Trauma and Hemorrhage** . H. He^{1,2}, P. L. Jernigan^{1,2}, R. S. Hoehn^{1,2}, A. L. Chang^{1,2}, L. Friend^{1,2}, R. Veile^{1,2}, T. Johannigman^{1,2}, A. T. Makely^{1,2}, M. D. Goodman^{1,2}, T. A. Pritts^{1,2} ¹University of Cincinnati, Trauma and Critical Care, Cincinnati, OH, USA ²University of Cincinnati, Institute for Military Medicine, Cincinnati, OH, USA

- 31.05. Plasma from Coagulopathic Trauma Patients Inhibits Donor Platelets: A Functional Proteomic Analysis.** M. P. Chapman^{1,2}, H. B. Moore^{1,2}, E. Gonzalez^{1,2}, A. P. Morton^{1,2}, C. D. Fleming^{1,2}, K. C. Hansen¹, C. C. Silliman^{1,3,4}, A. Sauer^{1,2}, A. Banerjee¹, E. E. Moore^{1,2} ¹University of Colorado Denver, Surgery, Aurora, CO, USA ²Denver Health Medical Center, Surgery, Aurora, CO, USA ³Children's Hospital Colorado, Haematology, Aurora, CO, USA ⁴Bonfils Blood Center, Denver, CO, USA
- 31.06. Fibrinolysis Shutdown Initiated Through Inflammatory Degradation of Plasminogen.** H. B. Moore^{1,2}, E. Gonzalez^{1,2}, A. P. Morton^{1,2}, M. P. Chapman¹, A. L. Slaughter^{1,2}, C. C. Silliman^{1,3}, K. C. Hansen¹, E. E. Moore^{1,2} ¹University of Colorado Denver, Surgery, Aurora, CO, USA ²Denver Health Medical Center, Surgery, Denver, CO, USA ³Bonfils Blood Center, Hematology, Denver, CO, USA
- 31.07. Supercomputing Sepsis Simulations for In Silico Outcome Prediction.** R. C. Cockrell¹, G. An¹ ¹University of Chicago, Surgery, Chicago, IL, USA
- 31.08. Double Stranded RNA induced TLR-3 activation Drives inflammatory response in bacterial pneumonia.** M. Deshmukh¹, M. V. Suresh¹, B. Thomas¹, V. Dolgachev¹, K. Kondapi¹, D. Machado-aranda¹, M. R. Hemmila¹, K. Raghavendran¹ ¹University of Michigan, Surgery, Ann Arbor, MI, USA
- 31.09. Murine JAM-A^{-/-} Causes Intestinal Hyperpermeability But Improves Survival Following Sepsis.** N. J. Klingensmith¹, Z. Liang¹, J. D. Lyons¹, C. M. Coopersmith¹ ¹Emory University, Surgery/Critical Care, Atlanta, GA, USA
- 31.10. Electroporation-mediated delivery of the FER Gene in the Resolution of Trauma-related Fatal Pneumonia** . V. A. Dolgachev¹, S. V. Madathilpambal¹, B. Thomas¹, M. R. Hemmila¹, K. Raghavendran¹, D. Machado-Aranda¹ ¹University of Michigan, Acute Care Surgery, Ann Arbor, MI, USA

TUESDAY

WEDNESDAY

THURSDAY

7:30AM - 9:30AM

Integrated Oral Presentations Session I

32. OUTCOMES/CLINICAL: CROSS DISCIPLINARY – CLINICAL TRIALS AND COST-EFFECTIVENESS RESEARCH

CITY TERRACE 12

MODERATORS: Timothy Chen-An Lee, MD & Alex Haynes, MD, MPH

- 32.01. Case-Mix Adjusted Cost Variation by Academic Hospital Volume After Surgery.** A. Chang¹, A. Ertel¹, R. Hoehn¹, K. Wima¹, D. Abbott¹, S. Shah¹ ¹University Of Cincinnati, Department Of Surgery, Cincinnati, OH, USA
- 32.02. Implementation of Lean Six Sigma Processes Decrease Excessive Use of Ancillary Resources in the SICU.** A. Ko¹, J.S. Murry¹, D.M. Hoang¹, M.Y. Harada¹, L. Aquino¹, E.J. Ley¹, C. Coffey¹, H. Sax¹, R.F. Alban¹ ¹Cedars-Sinai Medical Center, Los Angeles, CA, USA
- 32.03. How Many More Patients Could Safely Undergo Laparoscopic Cholecystectomy at Ambulatory Surgery Centers?** M. Drescher^{1,2}, V. Chang^{1,2}, R. M. Yau², B. A. Blanco², S. Vedachalam^{2,3}, S. Besser^{2,4}, P. Kuo^{2,3}, A. N. Kothari² ¹Loyola University Chicago Stritch School Of Medicine, Maywood, IL, USA ²Loyola University Medical Center Dept of Surgery, 1:MAP Surgical Analytics Research Group, Maywood, IL, USA ³Midwestern University College of Osteopathic Medicine, Downers Grove, IL, USA ⁴DePaul University College Of Computing And Digital Media, Chicago, IL, USA
- 32.04. Standardized Implementation of National Practice Guidelines to Reduce Waste and Optimize Patient Value.** J. T. Langell¹, A. Bledsoe², S. Vijayakumar³, T. Anderson³, I. Zawalski³, J. Zimmerman² ¹University Of Utah, Department Of Surgery, Salt Lake City, UT, USA ²University Of Utah, Department Of Anesthesiology, Salt Lake City, UT, USA ³University Of Utah, Hospital System, Salt Lake City, UT, USA
- 32.05. Development of a Contact-free RF-Based Respiratory Sensor: Results of a Clinical Pilot Study** . S. C. Madsen², J. Baczuk², K. Thorup², R. Barton¹, N. Patwari², J. T. Langell^{1,2} ¹University of Utah, Dept of Surgery, Salt Lake City, UT, USA ²University of Utah, College of Engineering, Salt Lake City, UT, USA

- 32.06. Alvimopan Reduces Time to GI Recovery & Discharge After Abdomino-Pelvic Surgery: A Meta-Analysis.** A. Chandrasekaran³, R. S. Chamberlain^{1,2,3} ¹Saint Barnabas Medical Center, Surgery, Livingston, NJ, USA ²New Jersey Medical School, Surgery, Newark, NJ, USA ³Saint George's University, Grenada, Grenada
- 32.07. Hospital and Payer Costs Associated with Surgical Complications.** M. A. Healy¹, A. Mullard¹, D. A. Campbell¹, J. B. Dimick¹ ¹University Of Michigan, Center For Healthcare Outcomes & Policy, Surgery, Ann Arbor, MI, USA
- 32.08. Nutrition Counseling and Supplementation Following Orthopedic Trauma: a Randomized-Controlled Trial.** B. Parent¹, B. Hamilton², B. Henley², G. O'Keefe¹, J. Agel², A. Garman³, R. Firoozabadi² ¹University Of Washington, General Surgery, Seattle, WA, USA ²University Of Washington, Orthopedic Surgery, Seattle, WA, USA ³University Of Washington, Nutrition, Seattle, WA, USA
- 32.09. Complications, Not Surgical Technique, Are Associated With Increased Cost After Esophagectomy.** S. J. Fu², C. W. Towe^{1,2}, V. P. Ho^{2,3}, Y. Perry^{1,2}, C. P. Delaney^{2,3}, P. A. Linden^{1,2} ¹University Hospitals Case Medical Center, Division Of Thoracic And Esophageal Surgery, Cleveland, OH, USA ²Case Western Reserve University School Of Medicine, Cleveland, OH, USA ³University Hospitals Case Medical Center, Department Of Surgery, Cleveland, OH, USA
- 32.10. Higher Pain Scores and Less Sleep Trigger Delirium in Post-Operative Intensive Care Unit Patients.** D. Overbey^{1,2}, C. Raeburn^{1,2}, T. Jones^{1,2}, T. Robinson^{1,2} ¹University of Colorado, Department of Surgery, Aurora, CO, USA ²VA Eastern Colorado Health Care System, Department of Surgery, Denver, CO, USA

7:30AM - 9:30AM

Integrated Oral Presentations Session I

33. OUTCOMES/CLINICAL: CROSS DISCIPLINARY – DISPARITIES AND ACCESS TO CARE

RIVER TERRACE 1

MODERATORS: Julie Ann Sosa, MD & Bernard T. Lee, MD, PhD

33.01. Enhanced Recovery After Surgery Reduces Disparities in Length-of-Stay for Colorectal Patients. T. S. Wahl¹, A. A. Gullick¹, J. A. Mills², J. A. Cannon¹, M. S. Morris¹, J. W. Simmons², D. I. Chu¹ ¹University Of Alabama At Birmingham, Department Of Surgery, Birmingham, AL, USA ²University Of Alabama At Birmingham, Department Of Anesthesiology And Perioperative Medicine, Birmingham, AL, USA

33.06. Disparities in Receipt of Laparoscopic Surgery for Ectopic Pregnancy among TRICARE Beneficiaries . A. Ranjit¹, W. Jiang¹, M. A. Chaudhary¹, T. Zhan¹, E. B. Schneider¹, S. L. Cohen², A. H. Haider¹, S. E. Little², J. N. Robinson² ¹Brigham And Women's Hospital, Center For Surgery And Public Health, Boston, MA, USA ²Brigham And Women's Hospital, Obstetrics And Gynecology, Boston, MA, USA

33.02. Surgical Outcomes and Expenditures for Medicare Beneficiaries Admitted to Critical Access Hospitals. A. M. Ibrahim¹, J. R. Thumma¹, J. B. Dimick¹ ¹University Of Michigan, Center For Healthcare Outcomes And Policy, Ann Arbor, MI, USA

33.07. Universal Health Insurance Reduces Disparities Following Surgical Intervention in African-Americans. A. J. Schoenfeld¹, W. Jiang¹, A. Haider¹ ¹Brigham And Women's Hospital, Center For Surgery And Public Health, Boston, MA, USA

33.03. Gender Affirming Surgery: National Incidence and Trends. J. K. Canner¹, L. M. Kodadek¹, A. H. Haider³, B. D. Lau¹ ¹Johns Hopkins University School Of Medicine, Surgery, Baltimore, MD, USA ³Brigham And Women's Hospital, Center For Surgery And Public Health, Boston, MA, USA

33.08. Racial Disparities in Timely Access to Surgical Cancer Care. K. T. Collier¹, J. Tong¹, R. Hoffman¹, S. Dasani¹, G. C. Karakousis¹, R. R. Kelz¹ ¹University Of Pennsylvania, Department Of Surgery, Philadelphia, PA, USA

33.04. Emergent ventral hernia repair: disparities beyond race and insurance may impair access. L. L. Wolf², J. W. Scott², C. K. Zogg², J. M. Havens^{2,3}, E. B. Schneider², A. Salim^{2,3}, A. H. Haider^{2,3} ²Brigham And Women's Hospital, Department Of Surgery, Center For Surgery And Public Health, Boston, MA, USA ³Brigham And Women's Hospital, Department Of Surgery, Division Of Trauma, Burns, And Surgical Critical Care, Boston, MA, USA

33.09. Access to Post-Discharge Rehabilitation Services Following Lower Limb Trauma. D. Metcalfe¹, O. A. Olufajo¹, A. J. Rios Diaz¹, M. A. Chaudhary¹, M. B. Harris², C. K. Zogg¹, M. J. Weaver², A. Salim¹ ¹Harvard Medical School, Center For Surgery And Public Health, Boston, MA, USA ²Brigham & Women's Hospital, Department Of Orthopedic Surgery, Boston, MA, USA

33.05. Tumor Biology and Racial Disparities in Reconstruction After Mastectomy: A SEER Database Analysis. S. J. Ullrich², P. J. Chung¹, M. C. Smith¹, S. Parikh², S. Kim¹, A. Duncan¹, A. Alfonso¹, G. Sugiyama¹ ¹SUNY Downstate Medical Center, General Surgery, Brooklyn, NY, USA ²SUNY Downstate College Of Medicine, Brooklyn, NY, USA

33.10. Breast Cancer in Native American Women: A Study of 863,958 Patients from the SEER Database(1973-2010). S. Gopinath¹, K. Mahendraraj¹, R. S. Chamberlain^{1,2,3} ¹Saint Barnabas Medical Center, Surgery, Livingston, NJ, USA ²Saint George's University, Surgery, Grenada, Grenada, Grenada ³New Jersey Medical School, Surgery, Newark, NJ, USA

7:30AM - 9:30AM

Integrated Oral Presentations Session I

34. OUTCOMES/CLINICAL: CROSS DISCIPLINARY – ETHICS/BIOETHICS & HEALTH POLICY

RIVER TERRACE 2

MODERATORS: Kmarie Reid Lombardo, MD & Ross Frederick Goldberg, MD

34.01. The Impact of SUS Membership on the Scholarship of American Surgery. N. Valsangkar¹, J. Kays¹, P. Martin¹, J. Paret¹, M. M. Joshi¹, T. A. Zimmers¹, L. Koniaris¹ ¹Indiana University School Of Medicine, Department Of Surgery, Indianapolis, IN, USA

34.06. Value-Based Purchasing: An Analysis of Current Utilization of In-Patient Care for GI Malignancies. J. Tong¹, K. T. Collier¹, S. Dasani¹, R. Hoffman¹, G. C. Karakousis¹, R. R. Kelz¹ ¹University Of Pennsylvania, Department Of Surgery, Philadelphia, PA, USA

34.02. Catastrophic health expenditure risk among uninsured trauma patients in the United States. J. W. Scott^{1,2}, N. Raykar^{2,3}, C. K. Zogg¹, A. H. Haider¹, J. G. Meara^{2,4}, M. G. Shrime^{2,5} ¹Brigham And Women's Hospital, Center For Surgery And Public Health, Department Of Surgery, Boston, MA, USA ²Program For Global Surgery And Social Change, Harvard Medical School, Boston, MA, USA ³Beth Israel Deaconess Medical Center, Department Of Surgery, Boston, MA, USA ⁴Children's Hospital Boston, Department Of Plastic And Oral Surgery, Boston, MA, USA ⁵Massachusetts Eye And Ear Infirmary, Department Of Otolaryngology And Office Of Global Surgery, Boston, MA, USA

34.07. The Time Required to Review Research Protocols at 10 IRBs in the Veterans Health Administration.. D. E. Hall^{1,2}, U. Feske¹, S. Gao¹, R. Stone^{1,2}, S. Zhang¹, R. Arnold² ¹VA Pittsburgh Healthcare System, Pittsburgh, PA, USA ²University Of Pittsburgh, Pittsburgh, PA, USA

34.03. The Cost of Surgical Care: How Much Are We Really Charging?. F. Gani¹, M. A. Makary¹, T. M. Pawlik¹ ¹Johns Hopkins University School Of Medicine, Surgery, Baltimore, MD, USA

34.08. Extended LOS in Patients Undergoing Orthognathic Surgery: Does Surgeon Volume Matter?. A. Gupta¹, R. Chaudhary^{1,2,3}, A. W. Davis¹, A. Krasnova^{1,2,3}, S. Haring^{1,3,4}, C. K. Zogg^{1,2,3}, M. A. Morris^{1,3}, A. H. Haider^{1,2,3}, E. B. Schneider^{1,3,4,5} ⁵Johns Hopkins University School Of Medicine, Baltimore, MD, USA ¹Brigham And Women's Hospital, Center For Surgery And Public Health, Boston, MA, USA ²Harvard School Of Public Health, Boston, MA, USA ³Harvard School Of Medicine, Brookline, MA, USA ⁴Johns Hopkins Bloomberg School Of Public Health, Health Policy And Management, Baltimore, MD, USA

34.04. Where the Sun-Shines: Industry Payments to Surgeons. R. Ahmed¹, S. Bae², E. Chow², A. B. Massie², J. Lopez², C. Atallah², D. L. Segev² ¹Duke University Medical Center, Plastic & Reconstructive Surgery, Durham, NC, USA ²Johns Hopkins University School Of Medicine, General Surgery, Baltimore, MD, USA

34.09. High Safety Net Hospitals and Pancreatic Surgery: Should it Be Abandoned?. D. E. Go¹, D. E. Abbott¹, K. Wima¹, D. J. Hanseman¹, A. Ertle¹, A. Chang¹, J. J. Sussman¹, S. A. Shah¹, R. S. Hoehn¹ ¹University Of Cincinnati, Department Of Surgery, Cincinnati, OH, USA

34.05. Variations in Hospitals Costs for Surgical Procedures among Patients and Providers. F. Gani¹, M. Daniel¹, J. Hundt¹, J. E. Efron¹, M. A. Makary¹, T. M. Pawlik¹ ¹Johns Hopkins University School Of Medicine, Surgery, Baltimore, MD, USA

34.10. Does Distance Matter? Patient Travel and Pancreaticoduodenectomy Costs. L. H. Nicholas¹, C. Wolfgang¹ ¹Johns Hopkins University School Of Medicine, Surgery, Baltimore, MD, USA

TUESDAY

WEDNESDAY

THURSDAY

MODERATORS: Cherif Boutros, MD, MSc & Giorgos Constantine Karakousis, MD

35.01. *SRS OF AUSTRALASIA YOUNG INVESTIGATORS

AWARD WINNER: Impact of Clinical Data Veracity on Survival and Molecular Analyses. D. M. Wright^{1,2}, S. Y. Mehta³, F. Munro², M. A. Black⁴, A. Anjomshoaa⁵, L. McNoe⁴, A. E. Reeve⁴, A. E. Merrie⁶, J. L. McCall², C. G. Print³ ¹Southern District Health Board, Dunedin, New Zealand ²University Of Otago, Department Of Surgical Sciences, Dunedin, New Zealand ³University Of Auckland, Auckland, New Zealand ⁴University Of Otago, School Of Medical Sciences, Dunedin, New Zealand ⁵Kerman University Of Medical Sciences, Kerman, Iran ⁶Auckland District Health Board, Auckland, New Zealand

35.02. National Quality Forum Colon Cancer Quality Metric Performance—How Are Hospitals Measuring Up?. M.

C. Mason^{1,2}, G. J. Chang³, Y. H. Sada^{2,4}, H. S. Tran Cao^{1,5}, D. H. Berger^{1,2,5}, N. N. Massarweh^{1,2,5} ¹Baylor College Of Medicine, Michael E. DeBakey Department Of Surgery, Houston, TX, USA ²VA HSR&D Center For Innovations In Quality, Effectiveness, And Safety, Michael E. DeBakey VA Medical Center, Baylor College Of Medicine, Houston, TX, USA ³University Of Texas MD Anderson Cancer Center, Department Of Surgical Oncology And Health Services Research, Houston, TX, USA ⁴Baylor College Of Medicine, Department Of Medicine, Division Of Medical Oncology, Houston, TX, USA ⁵Michael E. DeBakey VA Medical Center, Department Of Surgery, Division Of Surgical Oncology, Houston, TX, USA

35.03. Psychosocial Distress, Physiologic Stress Markers, and Frailty among Patients with Colorectal Cancer.

D. Jomaa¹, K. Maturen², J. Krauss³, C. Veenstra³, A. M. Morris¹ ²University Of Michigan, Radiology, Ann Arbor, MI, USA ³University Of Michigan, Medical Oncology, Ann Arbor, MI, USA ¹University Of Michigan, Surgery, Ann Arbor, MI, USA

35.04. Compliance to Breast Quality Measure for Radiation.

E. F. Marcinkowski¹, L. Goldstein¹, A. C. Polverini¹, L. Taylor¹, J. Yim¹, C. Vito¹, L. Kruper¹ ¹City Of Hope National Medical Center, Duarte, CA, USA

35.06. Variability in Post-Op Resource Utilization Following Pancreaticoduodenectomy: Patient or Provider?. A. E.

Ertel¹, K. Wima¹, R. S. Hoehn¹, A. L. Chang¹, S. A. Ahmad¹, J. J. Sussman¹, S. A. Shah¹, D. E. Abbott¹ ¹University Of Cincinnati Medical School, General Surgery, Cincinnati, OH, USA

35.07. Paradoxical Relationship Between Stage and Survival in Intermediate Stage Pancreatic Adenocarcinoma.

D. S. Swords¹, M. A. Firpo¹, K. M. Johnson¹, K. M. Boucher², C. L. Scaife¹, S. J. Mulvihill¹ ¹University Of Utah, General Surgery, Salt Lake City, UT, USA ²University Of Utah, Study Design And Biostatistics Center, Salt Lake City, UT, USA

35.08. Non-cirrhotics with early hepatocellular cancer survive longer after resection compared to ablation.

R. T. Groeschl¹, M. Tee¹, D. Nagorney¹, R. Smoot¹ ¹Mayo Clinic, Department Of Surgery, Rochester, MN, USA

35.09. The Dynamic Impact of Frailty on Surgical Outcomes: The Right Patient for the Right Procedure.

C. Mosquera¹, K. Spaniolas², H. S. Vora¹, T. L. Fitzgerald¹ ¹East Carolina University Brody School Of Medicine, Division Of Surgical Oncology, Greenville, NC, USA ²East Carolina University Brody School Of Medicine, Division Of Bariatric And Minimally Invasive Surgery, Greenville, NC, USA

35.10. Lung Cancer Sampling Method for CD8+ T Cell Count Affects Assessment of Patient Outcomes.

J. M. Obeid¹, Y. Hu¹, D. Deacon¹, W. Olson¹, I. Mauldin¹, M. Melssen¹, C. L. Slingluff¹ ¹University Of Virginia, Surgery, Charlottesville, VA, USA

35.11. Laparoscopic vs. Open Adrenalectomy for Adrenocortical Carcinoma: Does Technique Matter?. A. I. Salem¹, T. B.

Tran², G. A. Poultsides², S. K. Maithe³, T. S. Wang⁴, I. Hatzaras⁵, J. E. Phay⁶, R. C. Fields⁷, T. M. Pawlik⁸, J. D. Prescott⁸, S. Gad⁹, A. C. Yopp¹⁰, Q. Duh¹¹, C. C. Solorzano¹², C. M. Kiernan¹², K. I. Votanopoulos¹³, S. M. Weber¹ ¹University Of Wisconsin School Of Medicine And Public Health, Department Of Surgery, Madison, WI, USA ²Stanford University, Department Of Surgery, Palo Alto, CA, USA ³Emory University School Of Medicine, Department Of Surgery, Atlanta, GA, USA ⁴Medical College Of Wisconsin, Department Of Surgery, Milwaukee, WI, USA ⁵New York University School Of Medicine, Department Of Surgery, New York, NY, USA ⁶Ohio State University, Department Of Surgery, Columbus, OH, USA ⁷Washington University, Department Of Surgery, St. Louis, MO, USA ⁸Johns Hopkins University School Of Medicine, Department Of Surgery, Baltimore, MD, USA ⁹University Of California - San Diego, Department Of Surgery, San Diego, CA, USA ¹⁰University Of Texas Southwestern Medical Center, Department Of Surgery, Dallas, TX, USA ¹¹University Of California - San Francisco, Department Of Surgery, San Francisco, CA, USA ¹²Vanderbilt University Medical Center, Department Of Surgery, Nashville, TN, USA ¹³Wake Forest University School Of Medicine, Department Of Surgery, Winston-Salem, NC, USA

7:30AM - 9:30AM

Integrated Oral Presentations Session I

36. OUTCOMES/CLINICAL: GENERAL SURGERY 1

CLEARWATER

MODERATORS: Luke M. Funk, MD & Sergio Huerta, MD

36.01. *TSA ABSTRACT AWARD WINNER: Extending Clinical Application of Intraoperative CT and Navigation System beyond Neurosurgical Field. J. Yang¹, M. Lin¹, M. Lee¹ ¹Chang Gung Memorial Hospital, Neurosurgical Department, Chia-Yi, Taiwan

36.02. Surgery and Basic Science: An Identity Crisis. S. G. Keswani¹, C. M. Moles¹, M. Morowitz², M. Levine³, N. Ahuja⁴, H. Zeh⁵, J. Kuo⁶, A. M. Goldstein⁷ ¹Baylor College Of Medicine, Houston, TX, USA ²Children's Hospital Of Pittsburgh Of UPMC, Pittsburgh, PA, USA ³University Of Pennsylvania, Philadelphia, PA, USA ⁴Johns Hopkins University School Of Medicine, Baltimore, MD, USA ⁵University Of Pittsburgh Medical Center, Pittsburgh, PA, USA ⁶University Of Wisconsin School Of Medicine And Public Health, Madison, WI, USA ⁷Harvard School Of Medicine, Brookline, MA, USA

36.03. Does Conversion from Minimally Invasive to Open Surgery for Diverticulitis Portend Worse Outcomes? S. R. Sprinkle¹, Z. Sun¹, M. A. Adam¹, J. Kim¹, B. A. Yerokun¹, J. Migaly¹, C. R. Mantyh¹ ¹Duke University Medical Center, Department Of Surgery, Durham, NC, USA

36.04. Sarcopenia as a Prognostic Factor in Emergency Abdominal Surgery. R. C. Dirks¹, B. L. Edwards¹, E. Tong¹, B. Schaheen¹, F. E. Turrentine¹, A. L. Shada², P. W. Smith¹ ¹University Of Virginia, General Surgery, Charlottesville, VA, USA ²University Of Wisconsin, Surgery, Madison, WI, USA

36.05. Age of Transfused Blood: Impact on Postoperative Outcomes Among Patients undergoing Abdominal Surgery. Y. Kim¹, N. Amiri¹, F. Gani¹, D. Wagner¹, G. A. Margonis¹, P. Ness², S. Buttner¹, L. Xu¹, A. Tobian², R. Goel¹, S. M. Frank², T. M. Pawlik¹ ¹Johns Hopkins University School Of Medicine, Surgery, Baltimore, MD, USA ²Johns Hopkins University School Of Medicine, Anesthesiology And Critical Care Medicine, Baltimore, MD, USA

36.06. Direct Perineural Bupivacaine Injection Reduces Inguinodynia after Inguinal Hernia Repair. G. W. Donald¹, A. Dawes^{1,2,3}, J. Crompton¹, M. Livhits¹, C. Chandler¹ ¹University Of California - Los Angeles, Department Of General Surgery, Los Angeles, CA, USA ²Veterans Affairs West Los Angeles Medical Center, Robert Woods Johnson Clinical Scholars Program, Los Angeles, CA, USA ³Fielding UCLA School Of Public Health, Department Of Health Policy And Management, Los Angeles, CA, USA

36.07. Surgical and Post-Operative Risk Factors for Lymphedema Following Lymphadenectomy for Melanoma. S. J. Diljak¹, R. D. Kramer¹, R. J. Strobel¹, B. Sunkara¹, D. J. Mercante¹, J. S. Jehnson¹, J. F. Friedman¹, A. Durham², M. Cohen¹ ¹University Of Michigan, Department Of Surgery, Ann Arbor, MI, USA ²University Of Michigan, Department Of Dermatology, Ann Arbor, MI, USA

36.08. True Blood: Bleeding Management for Rivaroxaban vs Warfarin in Emergency General Surgery and Trauma. S. Myers¹, J. Brown¹, M. Kutcher¹, E. Dadashzadeh¹, J. Cheung¹, M. Neal¹ ¹University Of Pittsburgh Medical Center, Department Of General Surgery, Pittsburgh, PA, USA

36.09. Preoperative Gabapentin Decreases Postoperative Opioid Requirements- A Meta-analysis . S. Arumugam¹, C. Lau¹, R. Chamberlain¹ ¹Saint Barnabas Medical Center, Surgery, Livingston, NJ, USA

36.10. Prospective, Randomized, Controlled, Blinded Trial: ICG Angiography In Abdominal Wall Reconstruction. C. R. Huntington¹, B. A. Wormer¹, S. W. Ross¹, P. D. Colavita¹, T. Prasad¹, A. E. Lincourt¹, I. Belyansky², S. B. Getz¹, B. T. Heniford¹, V. A. Augenstein¹ ¹Carolinas Medical Center, Charlotte, NC, USA ²Anne Arundel Medical Center, Annapolis, MD, USA

7:30AM - 9:30AM

Integrated Oral Presentations Session I

37. OUTCOMES/CLINICAL: GENERAL SURGERY 2

ST. JOHNS

MODERATORS: Peter Muscarella, MD & Amir A. Ghaferi, MD

37.01. RACS YOUNGER FELLOWS LEADERSHIP EXCHANGE VISITOR: Sentinel lymph node biopsy in MCC: An Australian experience. J. R. Howle^{1,2,3}, D. A. Gunaratne⁴, M. J. Veness^{1,3,5} ¹Crown Princess Mary Cancer Centre, Westmead Hospital, Sydney, Australia ²Department of Surgery Westmead Hospital, Sydney, Australia ³University of Sydney, Sydney, Australia ⁴Department of Otolaryngology, Head and Neck Surgery, Westmead Hospital, Sydney, Australia ⁵Department of Radiation Oncology, Westmead Hospital, Sydney, Australia

37.02. Perioperative Blood Transfusion after Liver Resection: External Validation of a Predictive Model. F. Bagante^{1,2}, G. Spolverato¹, F. Gani¹, A. Ruzzenente², C. Iacono², A. Guglielmi², T. M. Pawlik¹ ¹Johns Hopkins University School Of Medicine, Department of Surgery, Baltimore, MD, USA ²University Of Verona School Of Medicine, Department Of Surgery, Verona, VR, Italy

37.03. Predictors of Significant Weight Loss Following Bariatric Surgery: A Propensity Score Analysis. N. Shah¹, E. Chen¹, J. A. Greenberg¹, M. J. Garren¹, G. Levenson¹, L. M. Funk¹ ¹University of Wisconsin-Madison, Madison, WI, USA

37.04. Cost of Laparoscopic Cholecystectomy Decreases after Implementation of a Standardized Pick-list. K. Simon², M. Frelich¹, T. Duris³, J. Gould¹ ¹Medical College of Wisconsin, Division of General Surgery, Milwaukee, WI, USA ²Medical College of Wisconsin Affiliated Hospitals, Milwaukee, WI, USA ³Froedtert & The Medical College of Wisconsin, Perioperative Services, Milwaukee, WI, USA

37.05. Is There Value in Bowel Preparation Prior to Elective Right-Sided Colectomy? S. Koller¹, K. Bauer¹, B. Egleston², M. Philp¹, H. Ross¹, N. Esnaola² ¹Temple University, Philadelphia, PA, USA ²Fox Chase Cancer Center, Philadelphia, PA, USA

37.06. Risk of Readmission Following Surgery for Benign Foregut Disease. A. K. Poupore², M. Stem¹, D. Molena¹, B. Mungo¹, A. O. Lidor¹ ¹Johns Hopkins University School Of Medicine, Department Of Surgery, Baltimore, MD, USA ²Johns Hopkins Bloomberg School Of Public Health, Molecular Microbiology And Immunology, Baltimore, MD, USA

37.07. A quantitative study of voice dysfunction after thyroidectomy. J. C. Lee^{1,2}, D. Breen¹, S. Grodski¹, A. Scott⁴, E. Paul³, J. W. Serpell^{1,2} ¹Monash University, Endocrine Surgery Unit, The Alfred, Melbourne, VIC, Australia ²Monash University, Department Of Surgery, Melbourne, VIC, Australia ³Monash University, School Of Public Health & Preventative Medicine, Melbourne, VIC, Australia ⁴The Alfred Hospital, Department Of Speech Pathology, Melbourne, VIC, Australia

37.08. Morbidity and Mortality after Total Splenectomy for Lymphoid Neoplasms. M. G. Neuwirth¹, E. K. Bartlett¹, A. D. Newton¹, R. E. Roses¹, D. L. Fraker¹, R. R. Kelz¹, G. C. Karakousis¹ ¹Hospital Of The University Of Pennsylvania, Department Of Surgery, Philadelphia, PA, USA

37.09. Influence of Specialty Training on Perioperative Outcomes of Surgery for Benign Esophageal Diseases. Z. Khoushhal^{1,2}, J. Canner¹, E. Schneider¹, M. Stem¹, E. Haut¹, B. Mungo¹, A. Lidor¹, D. Molena¹ ¹Johns Hopkins University, Baltimore, MD, USA ²Taibah University, Madinah, Saudi Arabia

37.10. Functional Gallbladder Disease: Commonly Treated, Poorly Understood; is it Time for a RCT? C. A. Thiels^{1,2}, E. B. Habermann², K. T. Hanson², J. Bingener¹ ¹Mayo Clinic, Department Of Surgery, Rochester, MN, USA ²Mayo Clinic, Kern Center For The Science Of Health Care Delivery, Rochester, MN, USA

7:30AM - 9:30AM

Integrated Oral Presentations Session I

38. OUTCOMES/CLINICAL: PLASTICS

HOSPITALITY SUITE 4104

MODERATORS: Derrick Wan, MD & Clara Lee, MD, MPP

- 38.01. A comparative study: Acellular Dermis vs. Inferior De-epithelized Flap in Breast Reconstruction.** H. Hon¹, R. Mubang¹, B. Wernick¹, C. Corredera¹, J. Stoltzfus¹, S. P. Stawicki¹, M. Morrissey¹ ¹St. Luke's University Hospital, General Surgery, Bethlehem, PA, USA
- 38.02. Predictors of Prolonged Postoperative Opioid Use in Patients Undergoing Breast Reconstruction.** R. A. Mann¹, D. P. Marcusa¹, D. C. Cron¹, A. K. Rzepecki¹, B. R. Fillingier¹, L. Zhong², M. J. Englesbe³, J. F. Waljee² ¹University Of Michigan, Medical School, Ann Arbor, MI, USA ²University Of Michigan, Section Of Plastic Surgery, Ann Arbor, MI, USA ³University Of Michigan, Section Of Transplantation Surgery, Ann Arbor, MI, USA
- 38.03. DIEP Free Flap Breast Reconstruction: Review of Impact of Surgical Procedure on Donor Site Morbidity.** T. Tomouk¹, A. T. Mohan^{2,3,4}, A. Azizi¹, E. Conci¹, E. B. Brickley⁵, C. M. Malata^{2,6} ¹University Of Cambridge, School Of Clinical Medicine, Cambridge, Cambridgeshire, United Kingdom ²Addenbrooke's University Hospital, Plastic And Reconstructive Surgery Department, Cambridge, Cambridgeshire, United Kingdom ³Mayo Clinic, Rochester, MN, USA ⁴Restoration Of Appearance And Function Charitable Trust (RAFT), Research Fellow, London, United Kingdom ⁵University Of Cambridge, Department Of Public Health And Primary Care, Cambridge, Cambridgeshire, United Kingdom ⁶Postgraduate Medical Institute At Anglia Ruskin University, Cambridge And Chelmsford, Cambridgeshire, United Kingdom
- 38.04. A 10 Year Review of Racial Disparities in 1387 Breast Reconstruction Patients.** S. Boukvalas¹, D. Vibhakar¹, H. Abdollahi¹, R. Bleicher¹, E. Chang¹ ¹Fox Chase Cancer Center, Plastic And Reconstructive Surgery, Philadelphia, PA, USA
- 38.05. Procedure Type, Post-op Pain, Recovery and Clinical Outcomes in DIEP Flap Breast Reconstruction.** A. A. Azizi^{1,5}, A. T. Mohan^{2,3,4}, T. Tomouk⁵, E. Conci⁵, E. B. Brickley⁶, C. M. Malata^{2,7} ¹Royal Free Hospital NHS Foundation Trust, London, United Kingdom ²Addenbrooke's University Hospital, Plastic And Reconstructive Surgery Department, Cambridge, Cambridgeshire, United Kingdom ³Mayo Clinic, Rochester, MN, USA ⁴Restoration Of Appearance And Function Charitable Trust (RAFT), Research Fellow, London, United Kingdom ⁵University Of Cambridge, School Of Clinical Medicine, Cambridge, Cambridgeshire, United Kingdom ⁶University Of Cambridge, Department Of Public Health And Primary Care, Cambridge, Cambridgeshire, United Kingdom ⁷Postgraduate Medical Institute At Anglia Ruskin University, Cambridge And Chelmsford, Cambridgeshire, United Kingdom
- 38.06. The Impact of Diabetes Mellitus on Autologous Breast Reconstruction.** J. Silvestre¹, J. M. Serletti¹ ¹Perelman School Of Medicine, Division Of Plastic Surgery, Philadelphia, PA, USA
- 38.07. The Free Flap Fast-Track: Decreasing Costs by Minimizing Hourly Monitoring Postoperatively.** J. A. Ricci¹, C. R. Vargas¹, O. A. Ho¹, B. T. Lee¹ ¹Beth Israel Deaconess Medical Center, Division Of Plastic Surgery, Boston, MA, USA
- 38.08. Pediatric Versus Adult Pyoderma Gangrenosum: Is It Just Big Wounds on Little Adults?.** T. Soleimani¹, S. E. Sator¹, L. Spera¹, B. Eppley¹, R. Sood¹, S. S. Tholpady¹ ¹Indiana University School of Medicine, Division of Plastic Surgery, Indianapolis, IN, USA
- 38.09. Porcine Acellular Dermal Matrix for Hernia Repair in Transplant Patients.** A. U. Gowda¹, S. Chang¹, K. Chopra^{1,2}, J. Sabino^{1,2}, D. P. Singh¹ ¹University Of Maryland, Plastic Surgery, Baltimore, MD, USA ²Johns Hopkins University School Of Medicine, Plastic Surgery, Baltimore, MD, USA

7:30AM - 9:30AM

Integrated Oral Presentations Session I

39. OUTCOMES/CLINICAL: TRAUMA/CRITICAL CARE 1

HOSPITALITY SUITE 4106

MODERATORS: Kenji Inaba, MD & Joseph Victor Sakran, MD, MPH

- 39.01. *SRS of SA SCEALES-ANTROBUS PRIZE WINNER: Laparoscopy or Clinical Follow Up to Detect Occult Diaphragm Injuries Following Left Sided Thoracoabdominal Stab Wounds: A Randomized Controlled Trial.** F. Malherbe¹, P. H. Navsaria¹, A. J. Nicol¹, S. Edu¹, S. M. Chowdhury¹ ¹Groote Schuur Hospital, University Of Cape Town, Cape Town, South Africa
- 39.02. Initial HMGB1 Surge Drives Distinct Immune Responses and Affects Outcome in Trauma Patients..** A. W. Chen¹, R. A. Namas^{1,2}, O. Abdul-Malak¹, Y. Vodovotz^{1,2}, T. R. Billiar^{1,2} ¹University Of Pittsburgh, Department Of Surgery, Pittsburgh, PA, USA ²University Of Pittsburgh, Center For Inflammation And Regenerative Modeling, McGowan Institute For Regenerative Medicine, Pittsburgh, PA, USA
- 39.03. HMGB1 Enriched Platelet Microparticles Increase after Trauma and Contribute to Thrombosis.** Q. Chen¹, J. Markel¹, A. Gutierrez¹, A. Hassoun¹, S. Vogel¹, T. Billiar¹, M. D. Neal¹ ¹University Of Pittsburgh Medical Center, Surgery And Critical Care Medicine, Pittsburgh, PA, USA
- 39.04. Trauma Team Size and Task Performance in Adult Trauma Resuscitation.** P. Maluso¹, M. Hernandez¹, R. L. Amdur¹, L. Collins¹, M. E. Schroeder¹, B. Sarani¹ ¹George Washington University School Of Medicine And Health Sciences, Surgery, Washington, DC, USA
- 39.05. Traditional Autopsy Versus CT-Imaging Autopsy In Trauma: A Case of "Synergistic Disagreement".** M. J. Lin¹, N. Barry¹, I. Akusoba¹, H. H. Hon¹, M. S. Cohen¹, P. Shukla², J. Cipolla¹, S. P. Stawicki¹, B. A. Hoey¹ ¹St. Luke's University Health Network, Department Of Surgery, Bethlehem, PA, USA ²St. Luke's University Health Network, Department Of Radiology, Bethlehem, PA, USA
- 39.06. Failure to Rescue in Emergency General Surgery.** D. Metcalfe¹, O. A. Olufajo¹, A. J. Rios Diaz¹, A. Salim¹, C. K. Zogg¹, M. A. Chaudhary¹, A. H. Haider¹, J. M. Havens¹ ¹Harvard Medical School, Center For Surgery And Public Health, Boston, MA, USA
- 39.07. Posttraumatic levels of liver enzymes can reduce the need for CT in children.** P. J. Bruhn¹, L. Østerballe¹, J. Hillingsø¹, L. B. Svendsen¹, F. Helgstrand² ¹Rigshospitalet, Copenhagen University Hospital, Department Of Surgical Gastroenterology, Copenhagen, Denmark ²Køge Hospital, Copenhagen University Hospital, Department Of Surgical Gastroenterology, Køge, Denmark
- 39.08. Victims of Violent Injury May Benefit from Brief interventions Despite Mechanism of Injury and Age .** J. Passman¹, D. Holena¹, P. Kim¹, P. Kim¹, P. Reilly¹, S. Allen¹ ¹University Of Pennsylvania, Traumatology, Surgical Critical Care And Emergency Surgery, Philadelphia, PA, USA
- 39.09. Prophylactic Pleural Lavage Decreases Secondary Intervention in Patients with Traumatic Hemothorax.** N. W. Kugler¹, T. W. Carver¹, J. S. Paul¹ ¹Medical College Of Wisconsin, Trauma And Critical Care, Milwaukee, WI, USA
- 39.10. Comparative Assessment of Elixhauser vs Charlson's Comorbidity Index for Acute Care Surgery.** A. A. Shah^{1,2}, C. K. Zogg¹, M. A. Chaudhary¹, W. Jiang¹, A. B. Chapital², D. J. Johnson², A. Ashraq², A. Salim³, J. M. Havens³, Z. Cooper¹, S. Nitzschke³, A. H. Haider¹ ¹Brigham And Women's Hospital, Center For Surgery And Public Health, Harvard Medical School, Harvard T H Chan School of Public Health, Boston, MA, USA ²Mayo Clinic In Arizona, Department of Surgery, Phoenix, AZ, USA ³Brigham And Women's Hospital, Division of Trauma, Burns And Surgical Critical Care, Boston, MA, USA

7:30AM - 9:30AM

Integrated Oral Presentations Session I

40. OUTCOMES/CLINICAL: TRANSPLANTATION

HOSPITALITY SUITE 4108

MODERATORS: Christine Susan Hwang, MD & Jaymie E. Locke, MD, MPH

40.01. Liver Transplant Biliary Complications for Deceased Donor Grafts: Comparison of HTK and UW Solutions. W.A. Marshall¹, A.J. Tector¹, T.C. Borup¹, R. S. Mangus¹ ¹Indiana University School Of Medicine, Surgery/Transplant, Indianapolis, IN, USA

40.02. Computed tomography (CT) measures of nutrition deficits in patients with end stage liver disease. J. Davis¹, W. Bush¹, A.J. Tector¹, J. Salisbury¹, R.S. Mangus¹ ¹Indiana University School Of Medicine, Surgery/Transplant, Indianapolis, IN, USA

40.03. Hospital Characteristics Associated With Increased Conversion Rates Among Organ Donors. A.J. Rios Diaz¹, O. Olufajo^{1,2}, J. Stinebring³, S. Endicott³, B. T. McKown³, D. Metcalfe^{1,2}, C.K. Zogg¹, A. Salim^{1,2} ¹Harvard Medical School And Harvard T.H. Chan School Of Public Health. Brigham And Women's Hospital, Center For Surgery And Public Health, Dept Of Surgery, Boston, MA, USA ²Harvard Medical School. Brigham And Women's Hospital, Trauma, Burn And Surgical Critical Care, Dept Of Surgery, Boston, 02115, USA ³New England Organ Bank, Waltham, MA, USA

40.04. Comparing the Survival Benefit of Liver Transplantation in Hepatocellular and Cholangiocarcinoma. I. N. Khan¹, Z. Sun¹, B. Ezekian¹, D. P. Nussbaum¹, S. J. Knechtle¹, S. Zani¹, D. G. Blazer¹, K. N. Shah¹ ¹Duke University Medical Center, Durham, NC, USA

40.05. Impact of Diabetic Gastroparesis on Outcomes After Pancreas Transplantation. W. A. Marshall¹, R. S. Mangus¹, J. Powelson¹, J. A. Fridell¹ ¹Indiana University School Of Medicine, Surgery/Transplant, Indianapolis, IN, USA

40.06. Outcomes after Desensitization and Alemtuzumab Induction in Pediatric Kidney Transplant Recipients. I. K. Kim¹, D. Puliyaanda¹, A. Klein¹ ¹Cedars-Sinai Medical Center, Transplant Surgery, Los Angeles, CA, USA

40.07. The Impact of Morbid Obesity on Kidney Transplant Costs and Resource Utilization. A. L. Chang¹, K. Wima¹, S. Shah¹ ¹University Of Cincinnati, Department Of Surgery, Cincinnati, OH, USA

40.08. Rethinking "High-Risk": An Evaluation of Patient Outcomes After PHS High-Risk Organ Transplant . S. M. Wrenn¹, A. N. Paine¹, A. F. Whitehead¹, C. E. Marroquin¹ ¹University Of Vermont College Of Medicine, Department Of Transplant Surgery, Burlington, VT, USA

40.09. Pediatric Thoracic Multiorgan Transplantation in the United States: Not Predictive of Worse Outcomes. B. B. Scully^{1,2}, M. S. Khan⁴, C. D. Fraser^{1,2}, D. L. Morales³, E. D. McKenzie^{1,2}, I. Adachi^{1,2}, M. G. Schecter³, G. B. Mallory^{1,2}, J. S. Heinle^{1,2} ¹Texas Children's Hospital, Congenital Heart Surgery, Houston, TX, USA ²Baylor College Of Medicine, Surgery, Houston, TX, USA ³University Of Oklahoma College Of Medicine, Family Medicine, Oklahoma City, OK, USA ⁴Cincinnati Children's Hospital Medical Center, Cincinnati, OH, USA

40.10. Utilization of High Risk Organs in Pediatric Abdominal Solid Organ Transplantation. A. F. Whitehead¹, A. Paine¹, S. Wrenn¹, C. E. Marroquin¹ ¹University Of Vermont College Of Medicine/Fletcher Allen Health Care, Surgery, Burlington, VT, USA

7:30AM - 9:30AM

Integrated Oral Presentations Session I

41. OUTCOMES/CLINICAL: VASCULAR

CONFERENCE CENTER A

MODERATORS: Shipra Arya, MD, SM & Christopher Lowther Skelly, MD

41.01. Risk Factors of Mortality Following Abdominal Aortic Aneurysm Repair using Analytic Morphomics. A. A. Mazurek¹, J. F. Friedman¹, A. Hammoud¹, C. Inglis¹, J. Haugen¹, A. Hallway¹, J. Lawton¹, J. Ruan¹, B. Derstine¹, J. S. Lee¹, S. C. Wang¹, M. J. Englesbe¹, N. H. Osborne¹ ¹University Of Michigan, Morphomic Analysis Group, Department Of Surgery, Ann Arbor, MI, USA

41.02. Assessing the Designation of "unfit for open repair" in Patients with Abdominal Aortic Aneurysms. L. Gates¹, J. Chin¹, P. Goodney², S. Rajaei¹, A. Dardik¹, J. E. Indes¹ ¹Yale University School Of Medicine, New Haven, CT, USA ²Dartmouth Medical School, Lebanon, NH, USA

41.03. Patients with Low BMI Have Increased Mortality Following Endovascular Juxtarenal and TAAA Repair . M. Wohlaue¹, C. Brier¹, Y. Kuramochi¹, K. Wolski¹, M. Eagleton¹ ¹Cleveland Clinic, Cleveland, OH, USA

41.04. Similar Morbidity & Mortality After EVAR in Privately Insured Compared to Medicare Patients. L. E. Johnston¹, M. C. Tracci¹, J. A. Kern², K. J. Cherry¹, A. F. AbuRhamah³, G. R. Upchurch¹ ¹University Of Virginia, Division Of Vascular And Endovascular Surgery, Charlottesville, VA, USA ²University Of Virginia, Division Of Thoracic And Cardiovascular Surgery, Charlottesville, VA, USA ³West Virginia University, Division of Vascular And Endovascular Surgery, Morgantown, WV, USA

41.05. Comparative Outcomes of Hybrid Versus Open Repair for Aortic Arch Disease in the Medicare Population. S. Gensini², V. Dombrovskiy¹, K. Nagarsheth¹, S. A. Rahimi¹, L. Lee³ ¹Rutgers University - Robert Wood Johnson Medical School, Vascular Surgery, New Brunswick, NJ, USA ²Rutgers University, Graduate School Of Biomedical Sciences, New Brunswick, NJ, USA ³Rutgers University - Robert Wood Johnson Medical School, Cardiothoracic Surgery, New Brunswick, NJ, USA

41.06. Comorbidity-polypharmacy score predicts morbidity, infections after lower extremity bypass. F. J. Baky¹, B. C. Housley¹, N. Kelly¹, M. J. Lin², E. Pletcher², S. P. Stawicki², D. C. Evans¹ ¹Ohio State University, Surgery, Columbus, OH, USA ²St. Luke's University Health Network, Surgery, Bethlehem, PA, USA

41.07. Early Outcomes After Infrainguinal Bypass in Young and Middle Aged Patients. I. J. Arhuidese¹, T. Obeid¹, B. Nejjim¹, S. Wang¹, K. Yin¹, C. Hicks¹, M. B. Malas¹ ¹Johns Hopkins University School Of Medicine, Vascular Surgery/Surgery, Baltimore, MD, USA

41.08. The effects of anesthesia type on high risk versus low risk surgical patients. L. Gates¹, J. Chin¹, S. Rajaei¹, A. Dardik¹, J. E. Indes¹ ¹Yale University School Of Medicine, Vascular Surgery/Department Of Surgery, New Haven, CT, USA

41.09. Arteriovenous Fistula versus Grafts, an Evaluation of Patency from Over 100,000 Vascular Access Placements. I. J. Arhuidese¹, B. Orandi¹, T. Obeid¹, B. Nejjim¹, K. Yin¹, S. Wang¹, D. Zarkowsky², M. B. Malas¹ ¹Johns Hopkins University School Of Medicine, Vascular Surgery/Surgery, Baltimore, MD, USA ²Dartmouth Medical School, Surgery, Lebanon, NH, USA

41.10. Maturation of Radiocephalic Arteriovenous Fistula in Diabetics is Equivalent to Non-Diabetics. A. B. Parrish¹, J. J. Kim¹, E. J. Ihenachor¹, J. D. Bleck¹, M. C. Koopmann¹, C. De Virgilio¹ ¹Harbor-UCLA, Surgery, Los Angeles, CA, USA

9:30AM - 4:30PM **Exhibit Hall Open** GRAND BALLROOM FOYER

9:30AM - 10:00AM **Morning Break in Exhibit Area** GRAND BALLROOM FOYER

10:00AM - 10:30AM **AAS FOUNDERS LECTURE: “Surgical Health Services Research Grows Up: Reflections on Science, Practice, and Leadership”** GRAND BALLROOM 4-5



John Birkmeyer, MD

Chief Academic Officer & Executive Vice President, Integrated Delivery Systems, Dartmouth-Hitchcock

INTRODUCTION BY: Justin B. Dimick, MD, MPH, AAS President

LEARNING OBJECTIVES

At the conclusion of this session, participants will be able to:

- Describe strategies for improving surgical practice and outcomes.
- Describe research can influence ideas about optimal health systems and population health.

10:30AM - 11:30AM **AAS PRESIDENTIAL ADDRESS: “The Rookie Advantage”** GRAND BALLROOM 4-5



Justin B. Dimick, MD, MPH, AAS President

George D. Zuidema Professor of Surgery Chief of the Division of Minimally Invasive Surgery Director, Center for Healthcare Outcomes and Policy Associate Chair for Strategy & Finance University of Michigan Health System

INTRODUCTION BY: Caprice C. Greenberg, MD, MPH, AAS President-Elect

TUESDAY

WEDNESDAY

THURSDAY



11:30AM - 1:00PM

General Conference Lunch

GRAND FOYER BALLROOM

OR

11:30AM - 1:00PM

**AWS LUNCHEON: "You Are What You Wear?
How to Project Your Best Self"**

GRAND BALLROOM 6-8

SESSION CHAIRS: Rebekah White, MD & Cynthia Shortell, MD

MODERATOR: Rebekah White, MD

SPEAKERS: Dustin Byrd, Cynthia Shortell, MD, Herbert Chen, MD, & Julie Freischlag, MD

- Introduction – Rebekah White, MD
- Professional Image Consultant – Dustin Byrd
- A Female Surgeon's Perspective – Cynthia Shortell, MD
- A Male Surgeon's Perspective – Herbert Chen, MD
- A Dean's Perspective – Julie Freischlag, MD
- Discussion

LEARNING OBJECTIVES

At the conclusion of this session, participants will be able to:

- Identify personal dress habits in themselves that can be improved.
- Recognize biases that they hold regarding dress.
- Make recommendations to trainees regarding professional dress.

OR

11:30AM - 1:00PM

**HOT TOPICS SESSION #2 (LUNCH): "High-Risk Surgery Under
Emerging Payment Mechanisms: What Do Accountable Care Organizations,
Bundled Payments, And Global Budgets Imply For The Future Of Surgery?"**

GRAND BALLROOM 1-3

MODERATOR: Lauren Hersch Nicholas, PhD, MPP

SPEAKERS: Jim Dupree, MD, MPH & Thomas Tsai, MD, MPH

- Overview of Session – Lauren Hersch Nicholas, PhD
- Accountable Care Organizations – Jim DuPree, MD
- Bundled Payments – Thomsas Tsai, MD, MPH
- Global Budgeting – Speaker TBD
- Audience Question and Answer

LEARNING OBJECTIVES

At the conclusion of this session, participants will be able to:

- Compare the incentives under current surgical reimbursement strategies with those represented by accountable care organizations, bundled payments, and global budgeting.
- Predict potential effects of alternative reimbursement schemes on surgical revenue and quality of care.
- Develop strategies for maintaining and improving quality of care in a challenging financial environment.

TUESDAY

WEDNESDAY

THURSDAY

1:00PM - 2:30PM

AAS PRESIDENTIAL SESSION:

GRAND BALLROOM 4-5

“Failing Forward: A Poor Career Decision... and How I Recovered”

MODERATORS: Justin B. Dimick, MD, MPH & Dorry L. Segev, MD, PhD

SPEAKERS: Timothy Pawlik, MD, MPH, PhD, Michael Englesbe, MD, Melina Kibbe, MD, Mary Hawn, MD, Keith Lillemoe, MD, & Carla Pugh, MD, PhD

Winston Churchill once said, “Success consists of going from failure to failure without loss of enthusiasm”. This session will include short TED-style talks (6-8 minutes) by leading academic surgeons elaborating on this theme.

- Desirable Difficulty – Timothy Pawlik, MD, MPH, PhD
- Fashion Tips from a Middle Aged Surgeon – Michael Englesbe, MD
- Failure to Launch: R you kidding me? – Melina Kibbe, MD
- A Data Breach, a Federal Investigation and a ... Promotion! – Mary Hawn, MD
- We Made Too Many Wrong Mistakes – Yogi Berra 1925-2015 – Keith Lillemoe, MD
- Perishing by Publishing: A Surgeon, An Engineer and an Impact Factor of Zero – Carla Pugh, MD, PhD

LEARNING OBJECTIVES

At the conclusion on this session, participants will be able to:

- Identify poor decisions that the speakers made, what they learned, and how they recovered.

2:30PM - 4:30PM

Integrated Oral Presentations Session II (Sessions 42-59)

42. BASIC SCIENCE: EXPERIMENTAL THERAPEUTICS

CITY TERRACE 4

MODERATORS: Electron Kebebew, MD, FACS & Mark S. Cohen, MD

42.01. *SARS PATEY PRIZE WINNER: Oncolytic JX-594-based Vaccinia Virus Treatment Of Colorectal Liver Metastases. R. V. Dave^{1,2}, F. Errington-Mais¹, E. West¹, P. Selby¹, G. J. Toogood², A. Melcher¹ ¹Targeted And Biological Therapies Group, Leeds Institute Of Cancer And Pathology, Leeds, YORKSHIRE, United Kingdom ²Department Of Hepatobiliary And Transplant Surgery, St James University Hospital, Leeds, YORKSHIRE, United Kingdom

42.02. Nafamostat mesilate enhances effect of gemcitabine + nab-paclitaxel therapy for pancreatic cancer.. T. Horiuchi^{1,2}, H. Shiba¹, N. Saito^{1,2}, Y. Shirai^{1,2}, R. Iwase¹, K. Haruki¹, Y. Fujiwara¹, K. Furukawa¹, T. Uwagawa¹, T. Ohashi², K. Yanaga¹ ¹The Jikei University School Of Medicine, Department Of Surgery, Tokyo, Japan ²The Jikei University School Of Medicine, Department Of Gene Therapy, Research Center For Medical Science, Tokyo, Japan

42.03. A Novel Dual Chamber Stent to Maintain Organ Perfusion in a Porcine Model of the Cardiac Death Donor. B. W. Tillman^{1,4}, Y. Chun³, T. Richards¹, T. Maul³, N. L. Liang¹, A. Tevar² ¹University Of Pittsburgh, Division Of Vascular Surgery, Department Of Surgery, Pittsburgh, PA, USA ²University Of Pittsburgh, Starzl Transplant Institute, Department Of Surgery, Pittsburgh, PA, USA ³University Of Pittsburgh, Department Of Bioengineering, Pittsburgh, PA, USA ⁴University Of Pittsburgh, McGowan Institute For Regenerative Medicine, Pittsburgh, PA, USA

42.04. Nanofiber Scaffold for Recreation of the Abdominal Wall in Rattus norvegicus II: Histopathology. L. Fluke¹, R. Restrepo¹, B. Hoagland¹, J. Stephenson¹ ¹Naval Medical Center Portsmouth, General Surgery, Portsmouth, VIRGINIA, USA

42.05. Peptide Nanofibers Stimulating Non-inflammatory Immune Responses as Wound Healing Scaffolds. Y. Vigneswaran¹, H. Han¹, J. Collier¹ ¹University Of Chicago, Surgery, Chicago, IL, USA

42.06. Efficient generation of targeted mutation using nuclease-directed homologous recombination. J. R. Butler¹, G. R. Martens¹, J. M. Ladowski¹, B. W. Estes¹, Z. Wang¹, P. Li¹, M. Tector¹, A. Tector¹ ¹Indiana University School Of Medicine, Surgery, Indianapolis, IN, USA

42.07. Milk Fat Globule-Epidermal Growth Factor-Factor VIII Attenuates Sepsis-induced Acute Kidney Injury. C. Cen¹, M. Aziz^{1,2}, W. Yang^{1,2}, J. Nicastro¹, G. Coppa¹, P. Wang^{1,2} ¹Hofstra North Shore LIJ School Of Medicine, Department Of Surgery, Manhasset, NY, USA ²The Feinstein Institute For Medical Research, Center For Translational Research, Manhasset, NY, USA

42.08. Inhibition of PAD4 Attenuates Cih3 Production and Mortality in a Rodent Model of Lethal Endotoxemia. Y. Liang¹, E. Chen¹, B. Liu¹, Y. Wang¹, W. He¹, J. Zhang², E. Chen², Y. Li¹, V. Nikolian³, H. B. Alam¹ ¹University Of Michigan, Surgery, Ann Arbor, MI, USA ²University Of Michigan, Internal Medicine, Ann Arbor, MI, USA ³University Of Michigan Health System, Ann Arbor, MI, USA

42.09. Consumption of Aspartame Contributes to the Development of Metabolic Syndrome. S. S. Gul¹, R. A. Hamilton¹, T. Phupitakphol¹, L. Wei¹, S. K. Hyoju¹, D. Hu¹, W. Zhang¹, M. H. Gharedaghi¹, H. Huo¹, K. P. Economopolous¹, S. A. Morrison¹, S. Hamarneh¹, R. Hodin¹ ¹Massachusetts General Hospital, Department Of Surgery, Boston, MA, USA

42.10. The role of thymic tolerance in neonatal gene therapy. D. T. Lee^{1,2}, C. Woo², C. Tran², G. S. Lipshutz² ¹Mount Sinai School Of Medicine, Department Of Surgery, New York, NY, USA ²University Of California - Los Angeles, Department Of Surgery, Los Angeles, CA, USA

2:30PM - 4:30PM

Integrated Oral Presentations Session II

43. BASIC SCIENCE: GENERAL SURGERY - GROWTH FACTORS/RECEPTORS/SIGNAL TRANSDUCTION 1

CITY TERRACE 5

MODERATORS: George Yang, MD, PhD & Wei Zhou, MD

43.01. Mouse Notch1 is a Novel Aryl Hydrocarbon Receptor Driven Gene in Hepatotoxicity. P. Carney¹, M. Nukaya¹, G. D. Kennedy¹ ¹University Of Wisconsin, School Of Medicine And Public Health, Department Of Surgery, Madison, WI, USA

43.02. The Role of Circulating DNA in Pancreatic Cancer and Potential for DNA Scavengers as Therapeutics. J. E. McDade¹, J. Naqvi², J. Lee², D. S. Pisetsky^{3,4}, B. A. Sullenger², T. V. Brennan², R. R. White² ¹Duke University Medical Center, Durham, NC, USA ²Duke University Medical Center, Department Of Surgery, Durham, NC, USA ³Duke University Medical Center, Department Of Rheumatology And Immunology, Durham, NC, USA ⁴Duke University Medical Center, Department Of Medicine, Durham, NC, USA

43.03. Epigallocatechin-3-gallate Upregulates mir-221 to Inhibit Osteopontin-Dependent Hepatocyte Injury. M. L. Arffa⁵, M. A. Zapf⁶, A. N. Kothari¹, V. Chang⁵, G. N. Gupta¹, X. Ding¹, M. M. Al-Gayyar^{2,4}, W. Syn³, N. M. Elsherbiny⁴, P. C. Kuo¹, Z. Mi¹ ¹Loyola University Chicago Stritch School Of Medicine, Department Of Surgery, Maywood, IL, USA ²University Of Mansoura, Department Of Clinical Biochemistry, Mansoura, Dakahlia, Egypt ³Institute Of Hepatology, London, United Kingdom ⁴University Of Tabuk, Department Of Pharmaceutical Chemistry, Tabuk, TABUK, Saudi Arabia ⁵Loyola University Chicago Stritch School Of Medicine, Maywood, IL, USA

43.04. Cellular mechanism of increased anti-tumor efficacy of paclitaxel-loaded polymer films. K. J. Hachey¹, R. Liu¹, M. Grinstaff², Y. Colson¹ ¹Brigham And Women's Hospital, Thoracic Surgery, Boston, MA, USA ²Boston University, Departments Of Biomedical Engineering And Chemistry, Boston, MA, USA

43.05. Resveratrol Promotes EGFR Expression and Enhances Fatty Liver Regeneration in a Murine Model. D. P. Milgrom¹, X. Jin², Y. Jiang¹, L. Koniaris¹, T. Zimmers¹ ¹Indiana University, Department Of Surgery, Indianapolis, IN, USA ²Thomas Jefferson University, Department Of Surgery, Philadelphia, PA, USA

43.06. TNF- Stimulates Colonic Myofibroblast Migration via COX-2 and Hsp27. S. Saini¹, T. Liu¹, L. Chen¹, J. Yoo¹ ¹Tufts Medical Center, Colon And Rectal Surgery, Boston, MA, USA

43.07. Is Omega-3 Synergistic with Glucagon-Like Peptide-2 in Intestinal Failure?. A. Karmaker^{1,2}, C. M. Costanzo^{1,2}, M. Z. Schwartz^{1,2} ¹St. Christopher's Hospital For Children, Surgery, Philadelphia, PA, USA ²Drexel University College Of Medicine, Philadelphia, PA, USA

43.08. Attenuated Expression of Nuclear Receptor Family NR4A in Familial Diverticulitis . C. S. Choi¹, Y. Imamura Kawasawa³, G. S. Yochum⁴, L. R. Harris¹, S. M. Deiling¹, W. A. Koltun¹ ¹Penn State Hershey Medical Center, Division Of Colon & Rectal Surgery, Department Of Surgery, Penn State University College Of Medicine, Hershey, PA, USA ³Penn State University College Of Medicine, Genome Sciences Facility Institute For Personalized Medicine, Hershey, PA, USA ⁴Penn State University College Of Medicine, Department Of Biochemistry & Molecular Biology, Hershey, PA, USA

43.09. mTOR Signaling is Required for Adaptation and Epithelial Cell Proliferation after Bowel Resection. R. C. Sun¹, J. Guo¹, B. W. Warner¹ ¹Washington University, Pediatric Surgery/General Surgery, St. Louis, MO, USA

43.10. Increased Cystathionine- Synthase Drives Adenoma to Adenocarcinoma Progression. J. R. Zatarain¹, C. Phillips¹, P. Johnson¹, S. Widen¹, T. G. Wood¹, N. Druzhyzna¹, B. Szczesny¹, C. Szabo¹, C. Chao¹, M. R. Hellmich¹ ¹University Of Texas Medical Branch, Galveston, TX, USA

TUESDAY

WEDNESDAY

THURSDAY

MODERATORS: Herbert J. Zeh, MD & Jose G. Trevino, MD

- 44.01. Activation of Protein Phosphatase 2A Inhibits Neuroblastoma Tumor Growth.** E. F. Garner^{1,2}, A. M. Waters¹, L. L. Stafman¹, J. E. Stewart¹, E. Mroczek-Musulman², E. A. Beierle¹ ¹University Of Alabama, Pediatric Surgery, Birmingham, Alabama, USA ²University Of Alabama, Pathology, Birmingham, Alabama, USA
- 44.02. Cancer Associated Fibroblast Induction and Maintenance Are Differentially Regulated.** A. N. Kothari^{1,2}, C. E. Weber^{1,2}, V. Chang^{2,4}, M. L. Arffa^{2,4}, M. A. Zapf⁴, W. K. Syn³, P. C. Kuo^{1,2}, Z. Mi^{1,2} ¹Loyola University Medical Center, Dept Of Surgery, Maywood, IL, USA ²Loyola University Chicago, Cardinal Bernardin Cancer Center, Maywood, IL, USA ³The Institute Of Hepatology, Barts Health NSH Trust, London, UK, United Kingdom ⁴Loyola University Chicago Stritch School Of Medicine, Maywood, IL, USA
- 44.03. Circulating Microvesicles, Exosomes, are Enriched in Melanoma and Correlate with Tumor Burden..** D. DePeralta¹, W. Michaud¹, M. Hammond¹, G. Boland¹ ¹Massachusetts General Hospital, Surgical Oncology/Surgery, Boston, MA, USA
- 44.04. Anti-tumor activity of BRAF inhibitor and IFN combination in BRAF mutant melanoma.** C. Ferrone^{1,2}, F. Sabbatino^{1,2}, Y. Wang^{1,2}, G. Scognamiglio³, E. Favoino^{1,2}, S. A. Feldman⁴, V. Villani^{1,2}, K. T. Flaherty⁵, S. Nota⁶, D. Giannarelli⁷, E. Simeone³, A. M. Anniciello³, G. Palmieri⁸, S. Pepe⁹, G. Botti³, P. A. Ascierto³, C. Ferrone^{1,2} ¹Massachusetts General Hospital, Department Of Surgery, Boston, MA, USA ²Harvard School Of Medicine, Department Of Surgery, Brookline, MA, USA ³Istituto Nazionale Tumori Fondazione, Naples, Campania, Italy ⁴National Cancer Institute, Surgery Branch, Bethesda, MD, USA ⁵Massachusetts General Hospital, Department Of Medical Oncology, Boston, MA, USA ⁶Massachusetts General Hospital, Department Of Orthopaedic Surgery, Boston, MA, USA ⁷Regina Elena National Cancer Institute, Rome, Lazio, Italy ⁸Institute Of Biomolecular Chemistry, Sassari, Sardinia, Italy ⁹University Of Salerno, Baronissi, Salerno, Italy
- 44.05. Novel HDAC Inhibitor AB3 Regulates NF-κB and Notch Signaling in Medullary Thyroid Cancer Cell Lines.** S. K. Golden¹, H. Jin^{1,3}, V. Jain¹, A. Ma¹, A. Marin¹, C. Matsumura¹, R. Jaskula-Sztul^{1,3}, S. Miyamoto², H. Chen^{1,3} ¹University Of Wisconsin, Department Of Surgery, Madison, WI, USA ²University Of Wisconsin, Department Of Oncology, Madison, WI, USA ³University Of Alabama, Surgery, Birmingham, Alabama, USA
- 44.07. Radiotherapy Enhances Natural Killer Cell Homing and Function in Canine Bone and Soft Tissue Sarcoma.** J. S. Park¹, S. Grossenbacher², J. Modiano³, J. Miller⁴, E. Ames², S. Mac², A. Monjazeb⁵, M. Kent⁶, W. Culp⁶, M. Chen⁷, W. J. Murphy², R. Canter¹ ¹University Of California - Davis, Surgical Oncology/Surgery, Sacramento, CA, USA ²University Of California - Davis, Dermatology, Sacramento, CA, USA ³University Of Minnesota, Veterinary Medicine, Minneapolis, MN, USA ⁴University Of Minnesota, Internal Medicine/Oncology, Minneapolis, MN, USA ⁵University Of California - Davis, Radiation Oncology, Sacramento, CA, USA ⁶University Of California - Davis, Veterinary Medicine, Sacramento, CA, USA ⁷University Of California - Davis, Pathology And Laboratory Medicine, Sacramento, CA, USA
- 44.08. Minnelide Potentiates the Antitumor Effects of Current Chemotherapy in the Treatment of Pancreatic Cancer.** S. Modi¹, B. Giri¹, K. Majumder¹, S. Banerjee¹, V. Dudeja¹, A. K. Saluja¹ ¹University Of Minnesota, Surgery, Minneapolis, MN, USA
- 44.09. FoxO-dependent Gene Networks Associate with Cachexia in Pancreatic Cancer..** D. Delitto¹, S.M. Judge¹, R.N. Nosacka¹, T.J. George¹, K. E. Behrms¹, S.J. Hughes¹, S.M. Wallet¹, A.R. Judge¹, J.G. Trevino¹ ¹University Of Florida, Gainesville, FL, USA
- 44.10. Pharmacologic Ascorbate is a Potential Novel Therapy for Treatment of Gastric Adenocarcinoma.** F. K. Houwen¹, B. R. O'Leary¹, C. L. Johnson¹, B. G. Allen¹, G. Buettner¹, J. J. Cullen¹, D. R. Spitz¹, J. J. Mezhir¹ ¹University Of Iowa, Surgery, Iowa City, IA, USA

2:30PM - 4:30PM

Integrated Oral Presentations Session II

45. BASIC SCIENCE: PEDIATRICS/PLASTICS - DEVELOPMENTAL BIOLOGY/REGENERATIVE MEDICINE/ TISSUE ENGINEERING/WOUND HEALING 2

CITY TERRACE 7

MODERATORS: Christopher P. Gayer, MD & Michael T. Longaker, MD

45.01. MYCN Deregulation is a Critical Tumor Initiating Event During Human Neural Crest Stem Cell Development. D. Bashllari², R. Van Noord², A. Opipari², E. Lawlor², V. Castle², E. Newman² ²University Of Michigan, Pediatrics, Obstetrics And Gynecology, And Pediatric Surgery, Ann Arbor, MI, USA

45.02. Organoid Units Repopulate Neurons and Glia in Human Intestinal Organoid Tissue-Engineered Intestine. M. M. Wieck¹, C. R. Schlieve¹, W. N. El-Nachef¹, X. Hou¹, S. Huang², J. R. Spence², T. C. Grikscheit¹ ¹Children's Hospital Los Angeles, Los Angeles, CA, USA ²University Of Michigan, Ann Arbor, MI, USA

45.03. Enhanced Serotonin Signaling Increases Enterocyte Proliferation and Axonal Growth in Small Intestinal Villi. C. J. Greig¹, N. Gandotra¹, J. J. Tackett¹, M. C. Bamdad¹, R. A. Cowles¹ ¹Yale University School Of Medicine, Department Of Surgery, Section Of Pediatric Surgery, New Haven, CT, USA

45.04. Synthetic HDL Nanoconjugate Targets Neuroblastoma Stem Cells, Blocking Migration and Self-Renewal. C. Subramanian¹, P. T. White¹, R. Kuai², J. Moon^{2,5}, V. P. Opipari⁶, B. N. Timmermann⁴, A. Schwendeman², M. S. Cohen^{1,3} ⁵University Of Michigan, Department Of Biomedical Engineering, Ann Arbor, MI, USA ⁶University Of Michigan, Department Of Pediatrics, Ann Arbor, MI, USA ¹University Of Michigan, Department Of Surgery, Ann Arbor, MI, USA ²University Of Michigan, College Of Pharmacy, Ann Arbor, MI, USA ³University Of Michigan, Department Of Pharmacology, Ann Arbor, MI, USA ⁴University Of Kansas, Department Of Medicinal Chemistry, Lawrence, KS, USA

45.05. Epithelial-specific Mutation of Fgfr 2IIIb is Sufficient to Cause Atresia in Mouse Embryos. A. P. Rogers¹, A. Kowalkowski¹, A. Reeder¹, P. F. Nichol¹ ¹University Of Wisconsin, Pediatric Surgery, Madison, WI, USA

45.06. Delivery Of Mesenchymal Stem Cells In Biomimetic Engineered Scaffolds Promotes Healing Of Diabetic Ulcers. H. HE^{1,2}, T. Foster¹, R. Assi¹, K. Stamati³, H. Bai¹, Y. Huang⁴, F. Hyder⁴, D. Rothman⁴, C. SHU⁵, S. Homer-Vanniasinkam³, U. Cheema³, A. Dardik^{1,6}, A. Dardik^{1,6} ¹Yale University School Of Medicine, Vascular Biology And Therapeutics Program And The Department Of Surgery, New Haven, CT, USA ²The Third Xiangya Hospital Of Central South University, Department Of Vascular Surgery, Changsha, Hunan, China ³University College London, Division Of Surgery And Interventional Science, London, United Kingdom ⁴Yale University, Departments Of Diagnostic Radiology And Biomedical Engineering, New Haven, CT, USA ⁵The Second Xiangya Hospital Of Central South University, Department Of Vascular Surgery, Changsha, Hunan, China ⁶VA Connecticut Healthcare System, Department Of Surgery, West Haven, CT, USA

45.07. Targeting the ECM: An Innovative Strategy to Improve Pulmonary Hypertension in CDH. S. Balaji¹, M. Shah³, M. Phillips³, X. Wang¹, C. Moles¹, P. L. Bollyky², S. E. Mclean³, S. G. Keswani¹ ¹Baylor College Of Medicine & Texas Children's Hospital, Pediatric Surgery, Houston, TX, USA ²Stanford University School Of Medicine, Division Of Infectious Diseases, Palo Alto, CA, USA ³University Of North Carolina, Division Of Pediatric Surgery, Chapel Hill, NC, USA

45.08. Stem Cells and PTH Assuage Radiation-Induced Cellular Damage in a Model of Distraction Osteogenesis . A. Zheutlin¹, S. Deshpande¹, N. Nelson¹, J. Rodriguez¹, A. Donneys¹, E. Carey¹, S. R. Buchman¹ ¹University Of Michigan, Craniofacial Research Laboratory, Plastic Surgery Section, Department Of Surgery, Ann Arbor, MI, USA

45.09. Transplantation of human epithelial enteroids into mice using poly (lactide-co-glycolide) scaffolds. P. H. Dedhia¹, F. K. Noto³, L. D. Shea³, J. R. Spence² ¹University Of Michigan, Department Of Surgery, Ann Arbor, MI, USA ²University Of Michigan, Department Of Internal Medicine, Ann Arbor, MI, USA ³University Of Michigan, Department Of Biomedical Engineering, Ann Arbor, MI, USA

45.10. Human Adipose Stromal Cells Increase Survival and Mesenteric Perfusion After Intestinal Ischemia. D. L. Doster¹, A. R. Jensen¹, E. B. Hunsberger¹, M. C. Yoder¹, T. A. Markel¹ ¹Indiana University School Of Medicine, Surgery, Indianapolis, IN, USA

TUESDAY

WEDNESDAY

THURSDAY

2:30PM - 4:30PM

Integrated Oral Presentations Session II

46. BASIC SCIENCE: TRAUMA/CRITICAL CARE - GROWTH FACTORS/RECEPTORS/SIGNAL TRANSDUCTION

CITY TERRACE 8

MODERATORS: Yongqing Li, MD, PhD & Philip Efron, MD

46.01. Cells from In Vivo Models of Heterotopic Ossification Exhibit Increased Osteogenic Properties. J. Drake¹, S. Agarwal¹, K. Shigemori¹, S. Loder¹, C. Hwang¹, S. Li¹, Y. Mishina¹, S. Wang¹, B. Levi¹ ¹University Of Michigan, Ann Arbor, MI, USA

46.02. Combined Effects of Insulin and Exercise on Muscle Function in Severe Burn. M. R. Saeman¹, K. DeSpain¹, L. A. Baer², J. Song¹, C. E. Wade², S. E. Wolf¹ ¹University Of Texas Southwestern Medical Center At Dallas, Surgery, Dallas, TX, USA ²University Of Texas Health Science Center At Houston, Surgery, Houston, TX, USA

46.03. Redox Changes Following Tri-Laser Synergy with Mesenchymal Stem Cells (MSC) in Renal Fibrosis . J. Jaramillo¹, R. V. Patil¹, J. Yu¹, A. Bartholomew¹ ¹University Of Illinois At Chicago, Chicago, IL, USA

46.04. The Effects of Clonidine on Prolonged Bone Marrow Dysfunction after Severe Trauma and Chronic Stress. I. G. Alamo¹, K. B. Kannan¹, T. J. Loftus¹, H. Ramos¹, P. A. Efron¹, A. Mohr¹ ¹University Of Florida, Trauma, Gainesville, FL, USA

46.05. Sepsis Enhances TH2 Cytokine Phenotype, but TH1 Function Remains Robust Post-Sepsis. B. N. Jacobs¹, M. J. Delano¹ ¹University Of Michigan, General Surgery, Ann Arbor, MI, USA

46.06. Urine Intestinal Fatty Acid Binding Protein (I-FABP) Predicts Acute Mesenteric Ischemia in Patients. S. Y. Salim¹, P. Young¹, Y. Li¹, T. A. Churchill¹, R. G. Khadaroo^{1,2} ¹University Of Alberta, Div. Gen Surgery, Dept. Surgery, Edmonton, AB, Canada ²University Of Alberta, Div. Critical Care Medicine/Dept Surgery, Edmonton, AB, Canada

46.07. Diffuse Brain Injury Induced Circuit Reorganization Coincides With Thrombospondin-1 Expression. S. Ogle^{1,2,3}, H. G. May^{2,4}, P. Adelson^{1,2}, J. Lifshitz^{2,3}, T. Currier Thomas^{2,3}, S. B. Johnson¹ ¹Banner University Medical Center-Phoenix, Surgery, Phoenix, AZ, USA ²University Of Arizona, College Of Medicine, Child Health, Phoenix, AZ, USA ³Barrow Neurological Institute At Phoenix Children's Hospital, Phoenix, AZ, USA ⁴University Of Bath, Bath, UK, United Kingdom

46.08. Bcl-2 induces paradoxical intrinsic and extrinsic enterocyte apoptosis in septic Bcl2xTAg mice. J. D. Lyons¹, N. Klingensmith¹, Z. Liang¹, C. Coopersmith¹ ¹Emory University, Surgery, Atlanta, GA, USA

46.09. Cold-inducible RNA-binding Protein Promotes a Th1 T Cell Response via TLR4 in Sepsis . A. C. Bolognese^{1,2}, A. Sharma³, W. Yang^{1,2,3}, J. Nicastro¹, G. F. Coppa¹, P. Wang^{1,2,3} ¹Hofstra North Shore-LIJ School Of Medicine, Department Of Surgery, Manhasset, NY, USA ²Elmezzzi Graduate School Of Molecular Medicine, Manhasset, NY, USA ³The Feinstein Institute For Medical Research, Center For Translational Research, Manhasset, NY, USA

46.10. Protective Effect of Different HDAC Inhibitors on Hypoxia/Reoxygenation Induced Cardiomyocyte Injury. W. He¹, Z. Chang¹, B. Liu¹, X. Cheng¹, T. Bambakidis¹, I. Halaweish¹, Y. Li¹, P. Patrick², V. Nikolian², H. B. Alam¹ ¹University Of Michigan, General Surgery, Ann Arbor, MI, USA ²University Of Michigan Health System, Ann Arbor, MI, USA

2:30PM - 4:30PM

Integrated Oral Presentations Session II

47. BASIC SCIENCE: VASCULAR - ENDOTHELIAL BIOLOGY/VASCULAR PHYSIOLOGY

CITY TERRACE 9

MODERATORS: Luke Brewster, MD, PhD & Ulka Sachdev, MD

47.01. Utilization of I-domain of LFA-1 to Mediate Binding of Nanocarrier-coated EPC to Inflamed EC. Z. Liu¹, L. Zhang¹, Y. Li¹, S. Joel¹, S. Deo¹, S. Daunert¹, O. C. Velazquez¹ ¹University Of Miami, Miami, FL, USA

47.02. atRA Polymeric ePTFE Grafts Inhibit Intimal Formation in a Rat Aortic Interposition Graft Model. E. K. Gregory⁴, A. R. Webb^{2,3}, J. M. Vercammen⁴, M. E. Flynn⁴, W. Jiang⁴, R. van Lith², G. A. Ameer^{2,4}, M. R. Kibbe⁴ ²Northwestern University, Biomedical Engineering/McCormick School Of Engineering, Chicago, IL, USA ³University Of Florida, Department Of Materials And Science Engineering, Gainesville, FL, USA ⁴Feinberg School Of Medicine - Northwestern University, Surgery/Vascular, Chicago, IL, USA

47.03. Targeted Therapeutics for the Prevention of Restenosis Following Vascular Interventions. M. A. Wasserman^{1,2,3}, J. S. Rink¹, C. S. Thaxton^{1,4}, M. R. Kibbe^{1,2,3} ¹Simpson Querrey Institute For BioNanotechnology, Chicago, IL, USA ²Northwestern University, Department of General Surgery, Chicago, IL, USA ³Northwestern University, Department of Vascular Surgery, Chicago, IL, USA ⁴Northwestern University, Department Of Urology, Chicago, IL, USA

47.04. Apicidin Inhibits Major Vascular Smooth Muscle Cell Pathogenic Phenotypes. C. J. Little¹, A. Kent¹, B. Wang¹, M. A. Chaudhary¹, K. Kent¹, L. Guo¹ ¹University Of Wisconsin School Of Medicine And Public Health, Dept Of Surgery, Madison, WI, USA

47.05. CD44 Increases Matrix Production By Promoting Inflammatory Responses During Fistula Maturation. J. J. Hanisch^{1,2}, G. Kuwahara¹, K. Yamamoto¹, T. Hashimoto¹, C. D. Protack^{1,2}, T. Foster^{1,2}, H. Bai¹, S. M. Jay³, A. Dardik^{1,2} ¹Yale University School Of Medicine, Dept Of Surgery, New Haven, CT, USA ²VA Connecticut Healthcare System, Dept Of Surgery, West Haven, CT, USA ³University Of Maryland, Dept Of Bioengineering, College Park, MD, USA

47.06. Eph-B4 Mediates Arteriovenous Fistula Maturation via Akt-1. T. Foster^{1,2}, C. Protack^{1,2}, T. Hashimoto¹, K. Yamamoto¹, H. Bai¹, J. Hanisch^{1,2}, A. Dardik^{1,2} ¹Yale University School Of Medicine, New Haven, CT, USA ²VA Connecticut Healthcare System, West Haven, CT, USA

47.07. Limb Demand Ischemia Modulates Revascularization and Adipocyte Differentiation in Obese Mice. H. Albadawi^{1,2}, L. M. Crowley¹, M. W. Kouloupoulos¹, H. Yoo¹, M. T. Watkins^{1,2} ²Harvard School Of Medicine, Brookline, MA, USA ¹Massachusetts General Hospital, Department Of Surgery, Division Of Vascular And Endovascular Surgery, Boston, MA, USA

47.08. Absence of Platelet-Derived TLR4 Improves Perfusion Recovery in Ischemic Skeletal Muscle. B. Xie¹, M. Xie¹, X. Cui¹, J. Xu¹, E. Tzeng¹, T. Billiar¹, U. Sachdev¹ ¹University Of Pittsburgh, Surgery, Pittsburgh, PA, USA

47.09. Cytokines and Neuropeptide Receptors in a Neuroischemic Rabbit Model of Wound Healing. J. M. Johnson¹, M. Orrgren¹, M. Auster¹, F. W. LoGerfo¹, L. K. Pradhan-Nabzdyk¹ ¹Beth Israel Deaconess Medical Center, Vascular And Endovascular Surgery/Surgery, Boston, MA, USA

47.10. Resistin Promotes Inflammation by Upregulating Expression of Inflammatory Markers in Macrophages . M. C. Zuniga^{1,2}, G. Raghuraman^{1,2}, E. Hitchner^{1,2}, W. Zhou^{1,2} ¹VA Palo Alto Healthcare Systems, Vascular Surgery, Palo Alto, CA, USA ²Stanford University, Vascular Surgery, Palo Alto, CA, USA

2:30PM - 4:30PM

Integrated Oral Presentations Session II

48. EDUCATION: CROSS DISCIPLINARY - CONTINUING MEDICAL EDUCATION & SIMULATION-BASED TRAINING CITY TERRACE 10

MODERATORS: Aaron R. Jensen, MD & Carla Pugh, MD, PhD

48.01. *JSS ABSTRACT: Comparison of Two- and Three-Dimensional Monitor in Laparoscopic Performance by the Position Tracker. M. Nishi¹, S. Kanaji¹, H. Harada¹, M. Yamamoto¹, K. Kanemitsu¹, K. Yamashita¹, T. Oshikiri¹, Y. Sumi¹, T. Nakamura¹, S. Suzuki¹, Y. Kakeji¹ ¹Kobe University Graduate School Of Medicine, Division Of Gastrointestinal Surgery, Dept Of Surgery, Kobe, Hyogo, Japan

48.02. Surgical Investigators Funded through the National Institutes of Health: Then and Now. Y. Hu¹, B. L. Edwards¹, K. Hu¹, K. D. Brooks¹, C. L. Slingluff¹ ¹University Of Virginia, Surgical Oncology/Surgery/School Of Medicine, Charlottesville, VA, USA

48.03. "I Got It On Ebay!": Cost-Effective Approach To Design and Implementation Of Surgical Skills Labs. E. Schneider², P. J. Schenarts¹, V. Shostrom³, C. H. Evans¹ ¹University Of Nebraska Medical Center, Department Of Surgery / Division Of Acute Care Surgery, Omaha, NE, USA ²University Of Nebraska Medical Center, College Of Medicine, Omaha, NE, USA ³University Of Nebraska Medical Center, College Of Public Health/Department Of Biostatistics, Omaha, NE, USA

48.04. Simulation-Based Training for Pediatric Trauma Resuscitation: A Qualitative Study. R. V. Burke^{1,2}, N. E. Demeter¹, C. J. Goodhue¹, H. Roesly², T. P. Chang^{1,2}, A. Rake^{1,2}, E. Cleek¹, I. Morton¹, J. S. Upperman^{1,2}, A. R. Jensen^{1,2} ¹Children's Hospital Los Angeles, Los Angeles, CA, USA ²University Of Southern California, Keck School Of Medicine, Los Angeles, CA, USA

48.05. How Motion Tracking Relates to End Product Quality in Laparoscopic Procedures. H. Mohamadipanah¹, C. T. Millar¹, D. N. Rutherford¹, K. E. Law¹, R. D. Ray¹, C. M. Pugh¹ ¹University Of Wisconsin, Department Of Surgery, Madison, WI, USA

48.06. Efficacy of Virtual Reality to Teach Medical Students Laparoscopic Skills. J. Matzke², C. Ziegler¹, S. Crawford¹, K. Martin¹, E. Sutton¹ ¹University Of Louisville, Hiram C. Polk, Jr. Department Of Surgery, Louisville, KY, USA ²Eureka College, Eureka, IL, USA

48.07. Gender Disparities in Academic Productivity and Advancement of Women Surgeons . C. Mueller¹, D. Gaudi-lliere¹, C. Kin¹, R. Menorca¹, M. Nash¹, S. Girod¹ ¹Stanford University, Surgery, Palo Alto, CA, USA

48.08. The Pregnant Female Surgical Resident. V. Shifflette¹, S. Cheek¹, M. Lorenzo¹, J. D. Amos¹, M. Allo², E. Dunn¹ ¹Methodist Hospital, General Surgery, Dallas, TX, USA ²Santa Clara Valley Medical Center, General Surgery, San Jose, CA, USA

48.09. Surgery Intern Preparatory Curriculum: A Step-Up Approach to Decrease Anxiety & Improve Performance?. Z. J. Ahola¹, S. Sullivan¹, S. Agarwal¹, A. O'Rourke¹, H. Jung¹, A. Liepert¹ ¹University Of Wisconsin, Department Of Surgery, Madison, WI, USA

48.10. 4th Year of Medical School Has No Impact on Medical Student Procedural Skill Competence . C. M. Becker¹, M. O. Meyers¹ ¹University Of North Carolina At Chapel Hill, Surgery, Chapel Hill, NC, USA

2:30PM - 4:30PM

Integrated Oral Presentations Session II

49. EDUCATION: CROSS DISCIPLINARY - RESIDENT EDUCATION CITY TERRACE 11

MODERATORS: Roger Kim, MD & James Lau, MD, FACS

49.01. Open Abdominal Surgical Training Differences Experienced By Integrated Vascular And General Surgery Residents. A. Tanius¹, M. Wooster¹, A. Jung¹, P. Nelson¹, M. Shames¹ ¹University Of South Florida, Vascular And Endovascular Surgery, Tampa, FL, USA

49.02. Do Resident's Operative Leadership Skills Correlate with Self-assessments of Technical Skill?. S. J. Gannon³, K. E. Law², R. D. Ray¹, A. D. D'Angelo¹, C. M. Pugh^{1,2} ¹University Of Wisconsin, Department Of Surgery, Madison, WI, USA ²University Of Wisconsin, Department Of Industrial And Systems Engineering, Madison, WI, USA ³University Of Wisconsin, Department Of Kinesiology, Madison, WI, USA

49.03. Evaluating the Effectiveness of a Mock Oral Educational Program on ABS Certifying Exam Pass Rates. L. E. Fischer^{1,2}, M. Snyder¹, S. A. Sullivan¹, E. F. Foley¹, J. A. Greenberg¹ ¹University Of Wisconsin, General Surgery, Madison, WI, USA ²Oregon Health And Science University, General Surgery, Portland, OR, USA

49.04. Exploring Hand Coordination as a Measure of Surgical Skill. K. Law², A. N. Rutherford³, S. J. Gannon^{1,4}, C. T. Millar¹, C. M. Pugh^{1,2} ¹University Of Wisconsin, Department Of Surgery, Madison, WI, USA ²University Of Wisconsin, Department Of Industrial And Systems Engineering, Madison, WI, USA ³University Of Wisconsin, Health Professions, La Crosse, WI, USA ⁴University Of Wisconsin, Kinesiology, Madison, WI, USA

49.05. Impact of Unexpected Surgical Task on Resident Workload and Ergonomics During A Competitive Event. D. Yu¹, A. M. Abdelrahman¹, B. R. Lowndes¹, E. Buckarma², B. Gas², D. R. Farley², M. Hallbeck^{1,2} ¹Mayo Clinic, Department Of Health Sciences Research, Rochester, MN, USA ²Mayo Clinic, Department Of Surgery, Rochester, MN, USA

49.07. "At Home" Pre-Residency Preparation Improves Surgical Intern Assessment Scores: A Pilot Study. T. Pandian¹, E. H. Buckarma¹, B. L. Gas¹, M. Mohan¹, R. R. Li¹, N. D. Naik¹, D. R. Farley¹ ¹Mayo Clinic - Rochester, Division Of Subspecialty General Surgery, Rochester, MN, USA

49.08. Are Self-Identified "Disadvantaged" Students Less Likely to Enter Surgical Residencies?. J. T. Unkart¹, C. M. Reid¹, J. M. Baumgartner¹, A. M. Wallace¹, C. J. Kelly¹ ¹University Of California, San Diego, La Jolla, CA, USA

49.09. Evaluating Handoffs in the Context of a Communication Framework . H. Hasan¹, P. Barker¹, R. Treat³, J. Peschman¹, M. Mohorek¹, P. Redlich², T. Webb¹ ¹Medical College Of Wisconsin, Division Of Education/ Dept Of Surgery, Milwaukee, WI, USA ²Clement J Zablocki Veterans Affairs Medical Center, Dept Of Surgery, Milwaukee, WI, USA ³Medical College Of Wisconsin, Department Of Emergency Medicine, Milwaukee, WI, USA

49.10. Do Clinical Fellowships Impact a Department of Surgery's Academic Productivity?. N. Valsangkar¹, P. J. Martin¹, J. S. Mayo¹, D. V. Feliciano¹, T. A. Zimmers¹, L. G. Koniaris¹ ¹Indiana University School Of Medicine, Department Of Surgery, Indianapolis, IN, USA

49.11. Use of a Standardized Electronic Tool Improves Compliance Accuracy & Efficiency of Patient Handoffs.. C. Clarke¹, S. Patel¹, R. Day², M. Ait Aiss¹, G. Avaloa Monetes De Oca¹, S. George¹, C. Sweeney¹, E. Grubbs¹, B. Bednarski¹, J. Lee¹, J. Skibber¹, T. Aloia¹ ¹University Of Texas MD Anderson Cancer Center, Surgical Oncology, TX USA ²Mayo Clinic In Arizona, Surgery, AZ USA



2:30PM - 4:30PM

Integrated Oral Presentations Session II

50. OUTCOMES/CLINICAL: CARDIOTHORACIC

CITY TERRACE 12

MODERATORS: Peter Tsai, MD & Danny Chu, MD

50.01. Characteristics of Cardiothoracic Surgeons Practicing at the Top Ranked US Institutions for NIH Funding. C.

Rosati¹, N. P. Valsangkar¹, P. N. Vardas¹, L. Chabtni¹, M. W. Turrentine¹, J. W. Brown¹, L. G. Koniaris¹ ¹Indiana University School Of Medicine, Department Of Surgery, Indianapolis, IN, USA

50.02. Assessment on the Use of Mesenchymal Stem Cells with Transmyocardial Laser Revascularization. J. L. Chan¹, Y.

Zhou¹, M. Li¹, J. G. Miller¹, S. Wang¹, L. C. England², D. Stroncek², K. A. Horvath¹ ¹National Institutes of Health, National Heart, Lung And Blood Institute, Cardiothoracic Surgery Research Program, Bethesda, MD, USA ²National Institutes of Health, Department of Transfusion Medicine, Bethesda, MD, USA

50.03. Upstaging and Survival after Robotic-Assisted Thoracoscopic Lobectomy for Non-Small Cell Lung Cancer. K.

Toosi⁴, F. O. Velez-Cubian², E. Ng⁴, C. C. Moodie¹, J. Garrett¹, J. P. Fontaine^{1,2,3}, E. M. Toloza^{1,2,3} ¹Moffitt Cancer Center, Thoracic Oncology, Tampa, FL, USA ²University Of South Florida Morsani College of Medicine, Surgery, Tampa, FL, USA ³University of South Florida Morsani College of Medicine, Oncologic Sciences, Tampa, FL, USA ⁴University of South Florida Morsani College Of Medicine, Tampa, FL, USA

50.04. Use of Digital Health Kits to Reduce Readmissions After Cardiac Surgery: Results of a Pilot Program. I. E. McElroy¹,

A. Zhu¹, G. Miranda¹, H. Wu¹, M. Nguyen¹, R. Shemin¹, P. Benharash¹ ¹University Of California - Los Angeles, Dept of Cardiac Surgery, Los Angeles, CA, USA

50.05. Primary spontaneous pneumothorax in healthy menstruating females. C. Mehta¹, B. Stanifer¹, S. Fore-Kosterski¹, A.

Yeldandi¹, C. Gillespie¹, S. Meyerson¹, D. Odell¹, M. DeCamp¹, A. Bharat¹ ¹Northwestern Memorial Hospital, Chicago, IL, USA

50.06. Factors Associated with the Academic Productivity of Cardiothoracic Surgical Divisions. C. Rosati¹, N. P. Valsangkar¹,

P. N. Vardas¹, L. Chabtni¹, M. W. Turrentine¹, J. W. Brown¹, L. G. Koniaris¹ ¹Indiana University School of Medicine, Dept of Surgery, Indianapolis, IN, USA

50.07. Quality of Life (QOL) Impact of Surgical Resection And Adjuvant Chemotherapy in NSCLC Patients. O. A. Lucas^{1,2},

W. Tan¹, S. Yendamuri^{1,2}, E. Dexter^{1,2}, A. Picone¹, M. Hennon^{1,2}, M. Huang^{1,2}, M. Reid^{1,3}, A. Adjei^{1,2}, T. Demmy^{1,2}, C. Nwogu^{1,2} ²University At Buffalo School Of Medicine And Biomedical Sciences, Buffalo, NY, USA ³University At Buffalo School of Public Health, Buffalo, NY, USA ¹Roswell Park Cancer Institute, Buffalo, NY, USA

50.08. Utility of Preoperative Aspirin for Patients Undergoing Combined Coronary and Valve Operations. R. Kashani¹, S.

Sareh¹, M. Tamrat¹, N. Satou¹, R. Shemin¹, P. Benharash¹ ¹David Geffen School Of Medicine, University Of California At Los Angeles, Division Of Cardiac Surgery, Los Angeles, CA, USA

50.09. Contemporary Outcomes Of Surgical Repair Of Thoracic Outlet Syndrome In A Nationally Validated Data.

B. J. Nejjim¹, T. Obeid¹, I. Arhuidese¹, S. Wang¹, K. Yin¹, J. Canner¹, M. Malas¹ ¹Johns Hopkins University School Of Medicine, Surgery, Baltimore, MD, USA

50.10. Is Post-operative Atrial Fibrillation after CABG a Marker of an Underlying Process?. J. B. Grau^{1,2}, C. K. Johnson¹, C. E.

Kuschner¹, G. Ferrari^{1,2}, R. E. Shaw¹ ¹Valley Heart And Vascular Institute, Cardiothoracic Surgery, Ridgewood, NJ, USA ²University Of Pennsylvania, Surgery, Philadelphia, PA, USA

TUESDAY

WEDNESDAY

THURSDAY

2:30PM - 4:30PM

Integrated Oral Presentations Session II

51. OUTCOMES/CLINICAL: CROSS DISCIPLINARY - PATIENT SAFETY AND QUALITY

RIVER TERRACE 1

MODERATORS: Sandra Wong, MD & Waddah B. Al-Refaie, MD

51.01. Transfusions and the Domino Theory of Complications: Failure to Rescue Begins in the Operating Room. C. D. Tzeng¹, B. M. Evers¹, J. B. Zwischenberger¹, M. V. Williams¹, B. R. Boulanger¹, P. C. McGrath¹, J. T. Martin¹ ¹University Of Kentucky, Lexington, KY, USA

51.02. No Catheter, No CAUTI: A Formal Process Improvement Project to Reduce Urinary Catheter Use in the OR. M. W. Wandling^{1,2,3,4}, K. Schelling⁴, A. Mikolajczak⁴, W. Wilson⁴, C. M. Gonzalez^{4,5}, C. Perry⁴, K. Y. Bilimoria^{1,2,3,4}, A. D. Yang^{1,2,3,4} ¹Northwestern University Feinberg School Of Medicine, Dept of Surgery, Chicago, IL, USA ²Northwestern University Feinberg School of Medicine, Surgical Outcomes & Quality Improvement Center, Chicago, IL, USA ³Northwestern University Feinberg School of Medicine, Institute For Public Health And Medicine, Center For Healthcare Studies, Chicago, IL, USA ⁴Northwestern Medicine, Chicago, IL, USA ⁵Northwestern University Feinberg School of Medicine, Dept of Urology, Chicago, IL, USA

51.03. Are NSQIP Hospitals Unique? A Description of Hospitals Participating in ACS NSQIP. C. R. Sheils^{1,2}, A. R. Dahlke¹, A. Yang¹, K. Bilimoria¹ ¹Northwestern University, Department Of Surgery, Chicago, IL, USA ²University Of Rochester, School Of Medicine, Rochester, NY, USA

51.04. Venous Thromboembolism Rates Associated with Interrupted Prophylaxis and EMR Alerts. N. A. Lee¹, R. Ramanathan¹, Z. Gu², E. M. Rensing², R. Sampson², M. B. Burrows², S. M. Hartigan³, N. Nguyen², T. G. Potter², T. Trimmer², A. C. Grover¹ ¹Virginia Commonwealth University, Dept of Surgery, Richmond, VA, USA ²Virginia Commonwealth University Health System, Richmond, VA, USA ³Virginia Commonwealth University, Dept of Internal Medicine, Richmond, VA, USA

51.05. Predictors of In-Hospital Postoperative Opioid Overdose after Major Elective Operations. C. E. Cauley¹, G. Anderson¹, M. E. Menendez³, B. Bateman², K. Ladha², A. B. Haynes¹ ¹Massachusetts General Hospital, Dept of Surgery, Boston, MA, USA ²Massachusetts General Hospital, Dept of Anesthesiology, Boston, MA, USA ³Massachusetts General Hospital, Dept of Orthopedic Surgery, Boston, MA, USA

51.06. Impact of Physician Specialization on Inpatient Hospital Outcomes after Thyroidectomy for Cancer. A. D. McDow¹, J. D. Mellinger¹, S. Ganai¹, S. S. Desai² ¹Southern Illinois University School Of Medicine, General Surgery, Springfield, IL, USA ²Southern Illinois University School Of Medicine, Vascular Surgery, Springfield, IL, USA

51.07. Asymptomatic Cystic Lesions of the Pancreas: Results of Surveillance and Surgical Management . B. B. Scott¹, T. P. Price¹ ¹Thomas Jefferson University Hospital, Philadelphia, PA, USA

51.08. Identifying Injury And Fatality Risks In Aeromedical Transport: Making It Safer For The Life-Savers. H. H. Hon¹, N. Barry¹, U. MacBean¹, J. P. Anagnostakos¹, T. R. Wojda¹, D. C. Evans², C. Jones², M. Portner¹, B. A. Hoey¹, W. S. Hoff¹, P. Thomas¹, S. P. Stawicki¹ ¹St. Luke's University Health Network, Dept Of Surgery, Bethlehem, PA, USA ²Ohio State University, Dept Of Surgery, Columbus, OH, USA

51.09. Do Risk Calculators Accurately Predict Surgical Site Infection in Ventral Hernia Repair? T. O. Mitchell¹, J.L. Holihan¹, E.P. Askenasy², J. A. Greenberg³, J.N. Keith⁴, R.G. Martindale⁵, J. Roth⁶, B.E. Henchcliffe¹, C.W. Hannon¹, J. Mo¹, M.K. Liang¹ ¹University of Texas Health Science Center At Houston, Dept of Surgery, Houston, TX, USA ²Baylor College Of Medicine, Dept of Surgery, Houston, TX, USA ³University of Wisconsin, Dept of Surgery, Madison, WI, USA ⁴University of Iowa, Dept of Surgery, Iowa City, IA, USA ⁵Oregon Health and Science University, Dept of Surgery, Portland, OR, USA ⁶University Of Kentucky, Dept of Surgery, Lexington, KY, USA

51.10. Good Catches and Near Misses: The Hidden Benefit of Surgical Safety Checklists. M. B. Diffley¹, L. R. Putnam^{1,2}, A. Hildebrandt¹, K. Caldwell¹, A. Minzenmayer¹, S. Covey¹, K. T. Anderson^{1,2}, A. Kawaguchi^{1,2}, D. Pham^{1,2}, L. S. Kao³, K. P. Lally^{1,2}, K. Tsao^{1,2} ¹University Of Texas Health Science Center At Houston, Pediatric Surgery, Houston, TX, USA ²Children's Memorial Hermann Hospital, Pediatric Surgery, Houston, TX, USA ³University Of Texas Health Science Center At Houston, General Surgery, Houston, TX, USA

TUESDAY

WEDNESDAY

THURSDAY



2:30PM - 4:30PM

Integrated Oral Presentations Session II

52. OUTCOMES/CLINICAL: CROSS DISCIPLINARY - PATIENT CENTERED OUTCOMES AND HEALTH INFORMATICS RIVER TERRACE 2

MODERATOR: M. Catherine Lee, MD

52.01. Decision Making and Outcomes of Breast Reconstruction after Mastectomy: A Prospective, Longitudinal Study. C. Lee^{1,4}, A. Deal⁴, P. A. Ubel², R. Hugh¹, L. Blizard³, K. R. Sepucha³, Y. Liu¹, D. Ollila^{1,4}, M. P. Pignone^{1,4} ¹University Of North Carolina At Chapel Hill, Chapel Hill, NC, USA ²Duke University, Fuqua School Of Business, Durham, NC, USA ³Harvard School Of Medicine, Brookline, MA, USA ⁴Lineberger Comprehensive Cancer Center, Chapel Hill, NC, USA

52.02. Post-Operative Outcomes Following Elective Colorectal Surgery in the Obese Population. F. C. Patel¹, A. Gullick¹, A. DeRussy¹, D. I. Chu¹, J. Grams¹, M. Morris¹ ¹University Of Alabama Birmingham, Department Of Surgery, Birmingham, Alabama, USA

52.03. Big Data In Surgery: Modeling How Post-Surgical Complications Increase Risk For Further Complications. S. I. Feld¹, S. E. Tevis¹, A. G. Cobian², M. W. Craven², G. D. Kennedy¹ ¹University Of Wisconsin, Department Of Surgery, Madison, WI, USA ²University Of Wisconsin, Department Of Biostatistics And Medical Informatics, Madison, WI, USA

52.04. Barriers to Translational Research: Specimen Attrition in a Prospective Cancer Tissue and Databank. A. Gangi¹, W. Sun¹, S. Yoder³, M. Fournier², M. C. Lee¹ ¹Moffitt Cancer Center, Comprehensive Breast Program, Tampa, FL, USA ²Moffitt Cancer Center, Tissue Core Facility, Tampa, FL, USA ³Moffitt Cancer Center, Molecular Genomics Core Facility, Tampa, FL, USA

52.05. The Gastrostomy Tube Consultation: An Opportunity for Palliative Care Assessment and Intervention. C. M. McGreevy¹, S. Pentakota¹, A. Kunac¹, O. Mohamed¹, K. Sigler¹, A. C. Mosenthal¹, A. Berlin¹ ¹Rutgers-New Jersey Medical School, Surgery Department, Newark, NJ, USA

52.06. Enhanced Recovery After Surgery Programs Improve Patient Outcomes and Recovery: A Meta-Analysis. C. S. Lau^{1,3}, R. S. Chamberlain^{1,2,3} ¹Saint Barnabas Medical Center, Surgery, Livingston, NJ, USA ²New Jersey Medical School, Surgery, Newark, NJ, USA ³St. George's University School Of Medicine, St. George's, St. George's, Grenada

52.07. Discrete Choice Survey App for Individualized Peripheral Arterial Disease Treatment Selection . M. A. Corriere¹, R. Barnard¹, S. Saldana¹, R. J. Guzman³, D. Easterling¹, D. Boone², A. Hyde², G. L. Burke¹, E. Ip¹ ¹Wake Forest University School Of Medicine, Winston-Salem, NC, USA ²Wake Forest University Schools Of Business, Winston-Salem, NC, USA ³Beth Israel Deaconess Medical Center, Vascular Surgery, Boston, MA, USA

52.09. Patient Preparation for Transitions of Surgical Care: Failing to Prepare is Preparing to Fail. L. Martin¹, S. Finlayson¹, B. Brooke¹ ¹University Of Utah, Surgery, Salt Lake City, UT, USA

52.10. Systematic Review on the Effect of Health Information Technology in Surgical Patient Care. J. Robinson^{1,2}, H. Huth⁴, G. P. Jackson^{2,3} ¹Vanderbilt University Medical Center, Dept of General Surgery, Nashville, TN, USA ²Vanderbilt University Medical Center, Dept of Biomedical Informatics, Nashville, TN, USA ³Vanderbilt University Medical Center, Dept of Pediatric Surgery, Nashville, TN, USA ⁴Vanderbilt University, Nashville, TN, USA

2:30PM - 4:30PM

Integrated Oral Presentations Session II

53. OUTCOMES/CLINICAL: CROSS DISCIPLINARY: QUALITY OF CARE

RIVER TERRACE 3

MODERATORS: Brendan C. Visser, MD & Raj Aggarwal, MBBS MA PhD FRCS

53.01. Relationship of Postoperative Surgery Clinic Visits and Readmission after Gastrointestinal Surgery. R.H. Hollis^{1,2}, L.A. Graham^{1,2}, J.S. Richman^{1,2}, M.S. Morris^{1,2}, M.T. Hawn³ ¹University of Alabama at Birmingham, Dept. of Surgery, Birmingham, AL, USA ²Birmingham VA Medical Center, Center for Surgical, Medical Acute Care Research and Transitions (C-SMART), Birmingham, AL, USA ³Stanford School of Medicine, Dept. of Surgery, Stanford, CA, USA

53.02. The value of colon surgery care bundles in Michigan. D. Z. Semaan¹, A. P. Meka¹, T. Jaffe¹, J. Papin IV¹, U. Okoro¹, C. Hwang¹, A. J. Mullard¹, D. Campbell¹, M. Englesbe¹ ¹University Of Michigan, Department Of Surgery, Ann Arbor, MI, USA

53.03. 90-day post-procedural outcomes of emergent stenting versus surgery in malignant large bowel obstruction. J. S. Abelson¹, H. Yeo², J. W. Milsom², A. Sedrakyan³ ¹Weill Cornell Medical College, Department of Surgery, New York, NY, USA ²Weill Cornell Medical College, Division of Colon And Rectal Surgery, New York, NY, USA ³Weill Cornell Medical College, Division of Comparative Effectiveness And Outcomes Research, New York, NY, USA

53.04. Readmissions for Surgical Site Infections: A Novel Measure to Guide Hospital Readmission Reduction Efforts. R. F. Shah¹, E. Pavey¹, A. Dahlke¹, M. Ju¹, R. Merkow¹, A. Yang¹, R. Rajaram¹, K. Bilimoria¹ ¹Surgical Outcomes And Quality Improvement Center (SOQIC), Department Of Surgery, Feinberg School Of Medicine, Northwestern University, Chicago, IL, USA

53.05. Variable Surgical Outcomes After Hospital Consolidations: Implications for Local Healthcare Delivery. V. Chang^{2,3}, A. N. Kothari^{1,2}, R. M. Yau², J. M. Albright¹, S. Besser⁵, R. H. Blackwell^{2,4}, G. N. Gupta^{2,4}, P. C. Kuo^{1,2} ¹Loyola University Medical Center, Dept of Surgery, Maywood, IL, USA ²Map Surgical Analytics Research Group, Maywood, IL, USA ³Loyola University Chicago Stritch School of Medicine, Maywood, IL, USA ⁴Loyola University Medical Center, Dept of Urology, Maywood, IL, USA ⁵Depaul University, College of Computing and Digital Media, Chicago, IL, USA

53.06. Machine Learning and Cloud Computing for Enhanced Surgical Risk Prediction. Z. C. Dietch¹, K. C. Lichten-dahl², Y. Grushka-Cockayne², J. M. Will², R. S. Jones¹, R. G. Sawyer¹ ¹University Of Virginia, Department Of Surgery, Charlottesville, VA, USA ²University Of Virginia, Darden Graduate School Of Business, Charlottesville, VA, USA

53.07. Discretionary Surgical Procedures: International Variations in Utilization Among Developed Countries. J. T. Adler¹, A. P. Loehrer¹, E. A. Mort¹, K. D. Lillemoe¹, D. C. Chang¹ ¹Massachusetts General Hospital, Boston, MA, USA

53.08. Preoperative Opioid Use is Associated with Higher Costs and Morbidity after Abdominal Surgery. D. C. Cron¹, M. J. Englesbe¹, K. L. Carrier³, C. Bolton², M. Joseph², S. Moser², J. F. Waljee¹, P. E. Hilliard², S. Kheterpal², C. M. Brummett² ¹University Of Michigan, Surgery, Ann Arbor, MI, USA ²University Of Michigan, Anesthesiology, Ann Arbor, MI, USA ³University Of Michigan, College Of Pharmacy, Ann Arbor, MI, USA

53.09. Defining Expectations: Rates of Admission After Surgical Resection for Gastrointestinal Malignancies. K. T. Collier¹, J. Tong¹, G. Karakousis¹, S. Dasani¹, R. R. Kelz¹ ¹University Of Pennsylvania, Department Of Surgery, Philadelphia, PA, USA

53.10. Impact of Queues and Congestion in Cost of Surgical Opportunity, A Modeling Based Analysis. J. D. Rueda¹, A. Ruiz Patiño² ¹University Of Maryland, School Of Pharmacy, Baltimore, MD, USA ²Hospital Universitario San Ignacio, Bogota, DC, Colombia

2:30PM - 4:30PM

Integrated Oral Presentations Session II

54. OUTCOMES/CLINICAL: GLOBAL SURGERY

CONFERENCE CENTER A

MODERATORS: John Langelli, MD, PhD & Samuel R. G. Finlayson, MD, MPH

54.01. *CSA ABSTRACT AWARD WINNER: Hepatocellular Carcinoma in Latin America, which are our dates? S.

Hoyos^{1,2,3} ¹Hepatobiliary and Pancreatic Unit Hospital Pablo Tobón Uribe (HPTU) ²Liver Transplant Program HPTU - Universidad de Antioquia (UdeA) ³Gastrohepatology group UdeA - Epidemiology group Universidad CES

54.02. *WACS ABSTRACT AWARD WINNER: Genetic epidemiology of hereditary deafness: Data from a Cross National Survey of Deafness in Nigeria.

A. O. Lasisi¹, B. O. Yusuf², B. O. Adedokun², K. Omokanye³, A. O. Afolabi³, T. J. Lasisi⁴, F. Olatoke⁶, O. A. Sulaiman⁷, S. A. Ogunkeyede⁸, A. A. Salman⁸, A. O. Oluokun⁶, A. M. Oriyomi⁷, W. A. Adedeji⁵, H. O. Lawal⁹, M. O. Kelani⁹, T. Yusuf¹⁰, G. Bademci¹¹, J. Foster II¹¹, S. Blanton¹¹, M. Tekin¹¹ ¹Dept. of Otorhinolaryngology, University of Ibadan and Ladoké Akintola University Teaching Hospital, Osogbo, Nigeria ²Dept. of Epidemiology and Statistics, University of Ibadan, Nigeria ³Dept. of Otolaryngology, University of Ilorin, Ilorin Nigeria ⁴Dept of Physiology, University of Ibadan ⁵Dept. of Clinical Pharmacology, University College Hospital, Ibadan, Nigeria ⁶Dept. of Otolaryngology, Federal Medical Center, Lokoja ⁷Dept. of Otolaryngology, Federal Medical Center, Katsina ⁸Dept of Otorhinolaryngology, Ladoké Akintola University, Ogbomoso ⁹Dept of Otorhinolaryngology, General Hospital, Maitama, Abuja, Nigeria ¹⁰Department of Otorhinolaryngology, University College Hospital, Ibadan ¹¹Dr. John T. Macdonald Foundation Department of Human Genetics and John P. Hussman Institute for Human Genomics, University of Miami Miller School of Medicine, Miami, FL 33136, USA

54.03. Worldwide volume of procedures needed to address basic, essential surgical disease burden.

J. W. Scott^{1,2}, J. A. Rose¹, M. Esquivel³, T. G. Weiser³, S. W. Bickler⁴ ¹Brigham And Women's Hospital, Center For Surgery And Public Health, Department Of Surgery, Boston, MA, USA ²Program For Global Surgery And Social Change, Harvard Medical School, Boston, MA, USA ³Stanford University, Department Of Surgery, Palo Alto, CA, USA ⁴University Of California - San Diego, School Of Medicine, Department Of Surgery, San Diego, CA, USA

54.04. Multi-institutional study of prehospital care curriculum in fast developing economies.

R. Abraham¹, M. Hollis^{1,2}, A. Malhotra³, D. Vyas¹ ¹Michigan State University, Department Of Surgery, Lansing, MI, USA ²Harvard Medical School, Department Of Urology, Boston, MA, USA ³Virginia Commonwealth University, Department Of Surgery, Richmond, VA, USA

54.05. The Association Between Trauma Admission And Financial Economic Indicators.

B. Zangbar¹, P. Rhee¹, S. Mirghasemi¹, N. Kulvatunyou¹, A. Tang¹, T. O'Keeffe¹, D. Green¹, R. Latifi¹, R. S. Frieze¹, B. Joseph¹ ¹University Of Arizona, Trauma Surgery, Tucson, AZ, USA

54.06. The Volume and Outcomes of Surgical Procedures in Mexico in 2014..

T. Uribe-Leitz¹, S. R. Rosas Osuna², M. M. Esquivel¹, A. Cervantes Trejo^{3,4}, N. Y. Garland¹, J. Cervantes^{5,6}, K. L. Staudenmayer¹, D. A. Spain¹, T. G. Weiser¹ ¹Stanford University School Of Medicine, Department Of Surgery, Palo Alto, CA, USA ²Mexican Ministry Of Health, National Council Of Injury Prevention, Mexico, DF, Mexico ³National Institute For Educational Evaluation, Mexico, DF, Mexico ⁴Anahuac University, Institute Of Public Health, Huxquilucan, Mexico, Mexico ⁵Universidad Nacional Autónoma De México (UNAM), Facultad De Medicina, Mexico, DF, Mexico ⁶American British Cowdray Medical Center, Department Of Surgery, Mexico, DF, Mexico

54.07. Uptake and performance of clinical breast exam screening program by trained laywomen in Malawi.

L. Gutnik^{1,3}, V. Msosa⁴, A. Moses^{3,4}, C. Stanley³, S. Mzumara⁴, B. Dhunge⁴, G. Liomba⁴, C. Lee², S. Gopal^{2,3} ¹Montefiore Medical Center/Albert Einstein College Of Medicine, Surgery, Bronx, NY, USA ²University Of North Carolina At Chapel Hill, Chapel Hill, NC, USA ³UNC Project Malawi, Lilongwe, Malawi ⁴Kamuzu Central Hospital, Surgery, Lilongwe, Malawi

54.08. Quality of Life of Adults Born with Cleft Lip and Palate With No Access to Basic Surgical Services.

A. J. Rios Diaz⁶, M. S. Ramos^{6,7}, P. T. Vaughn⁷, A. V. Moscoso¹⁰, J. Lam⁹, E. J. Caterson¹⁰ ⁷Harvard Medical School, Brigham And Women's Hospital, Department Of Surgery, Boston, MA, USA ⁸Harvard University, School Of Dental Medicine, Boston, MA, USA ⁹Boston University, School Of Medicine, Boston, MA, USA ¹⁰Brigham And Women's Hospital, Harvard Medical School, Division Of Plastic And Reconstructive Surgery, Department Of Surgery, Boston, MA, USA ⁶Both Authors Contributed Equally. Harvard Medical School, Brigham And Women's Hospital, Center for Surgery and Public Health, Department Of Surgery, Boston, MA, USA

54.09. Referral Patterns and Predictors of Referral Delays for Patients with Injuries in Rural Rwanda.

T. Nkurunziza¹, G. Toma^{1,2}, J. Odhiambo¹, R. Maine^{2,3}, R. Riviello^{2,4,6}, N. Gupta^{1,4}, A. Bonane^{5,6}, C. Habiyakare⁷, T. Mpunga⁷, B. Hedt-Gauthier^{1,2,5} ¹Partners In Health/Inshuti Mu Buzima, Clinical, Kigali, Rwanda ²Harvard School Of Medicine, Department Of Global Health And Social Medicine, Brookline, MA, USA ³University Of California - San Francisco, Surgery, San Francisco, CA, USA ⁴Brigham And Women's Hospital, Boston, MA, USA ⁵University Of Rwanda, College Of Medicine And Health Sciences, Kigali, Rwanda ⁶Kigali University Teaching Hospital, Surgery, Kigali, Rwanda ⁷Ministry Of Health, Kigali, Rwanda

54.10. The Role of Endoscopy After Upper Gastrointestinal Bleed in Sub-Saharan Africa: A Prospective Study.

J. Gallaher¹, G. Mulima², J. Qureshi¹, C. Shores¹, B. Cairns¹, A. Charles^{1,2} ¹University Of North Carolina At Chapel Hill, Surgery, Chapel Hill, NC, USA ²Kamuzu Central Hospital, Surgery, Lilongwe, Malawi

TUESDAY

WEDNESDAY

THURSDAY

MODERATORS: Adam Charles Yopp, MD

55.01. Lymphovascular Invasion is Associated with Compromised Survival for Papillary Thyroid Cancer. L. N. Pontius¹, L. M. Youngwirth¹, S. M. Thomas¹, R. P. Scheri¹, S. A. Roman¹, J. A. Sosa¹ ¹Duke University Medical Center, Durham, NC, USA

55.02. National Evaluation of Performance on the New Commission on Cancer Melanoma Quality Measures. C. A. Minami^{3,4}, J. A. Wayne¹, A. Yang^{1,3}, M. Martini², P. Gerami², S. Chandra⁵, T. Kuzel^{2,5}, K. Y. Bilimoria^{1,3,4} ¹Northwestern University, Department Of Surgery, Chicago, IL, USA ²Northwestern University, Department Of Dermatology, Chicago, IL, USA ³Northwestern University, Surgical Outcomes And Quality Improvement Center, Chicago, IL, USA ⁴Northwestern University, Center For Healthcare Studies, Chicago, IL, USA ⁵Northwestern University, Division Of Hematology/Oncology, Chicago, IL, USA ⁶Northwestern University, Department Of Pathology, Chicago, IL, USA

55.03. Heterogeneity of CD8 Tumor Infiltrating Lymphocytes (TIL) in Melanoma. J. M. Obeid¹, G. Erdag³, T. Bullock⁴, N. Wages², C. L. Slingluff¹ ¹University Of Virginia, Surgery, Charlottesville, VA, USA ²University Of Virginia, Public Health Sciences, Charlottesville, VA, USA ³Johns Hopkins University School Of Medicine, Dermatology, Baltimore, MD, USA ⁴University Of Virginia, Pathology, Research, Charlottesville, VA, USA

55.04. 734 Patients with Primary Malignant Sarcoma of the Liver: A Population-Based Analysis. T. B. Tran¹, J. N. Leal¹, M. M. Dua¹, G. A. Poultides¹, J. A. Norton¹, B. C. Visser¹ ¹Stanford University, Surgery, Stanford, CA, USA

55.05. Predictors of Improved Survival for Patients with Retroperitoneal Sarcoma. N. Nagarajan¹, K. Giuliano¹, J. K. Canner¹, C. Wolfgang¹, T. M. Pawlik¹, S. Terezakis², J. Herman², E. B. Schneider¹, N. Ahuja¹ ¹Johns Hopkins University School Of Medicine, Surgery, Baltimore, MD, USA ²Johns Hopkins University School Of Medicine, Radiation Oncology, Baltimore, MD, USA

55.06. Neoadjuvant Chemotherapy Provides a Survival Advantage in Clinical Stage II Pancreatic Head Cancer. W. Lutfi¹, O. Kantor², C. H. Wang³, E. Liederbach¹, D. J. Winchester¹, R. A. Prinz¹, M. S. Talamonti¹, M. S. Baker¹ ¹Northshore University Health System, Department Of Surgery, Evanston, IL, USA ²University Of Chicago, Department Of Surgery, Chicago, IL, USA ³Northshore University Health System, Center For Biomedical Research Informatics, Evanston, IL, USA

55.07. Utility of Lymph Node Yield as a Quality Metric for Node-negative Pancreatic Head Adenocarcinoma. P. R. Varley¹, A. L. Gleisner¹, S. T. Tohme¹, A. P. Chidi¹, D. A. Geller¹, A. Tsung¹ ¹University Of Pittsburgh, Department Of Surgery, Pittsburgh, PA, USA

55.08. Impact of Body Mass Index on Liver Regeneration After Major Liver Hepatectomy. N. Amini¹, G. A. Margonis¹, S. Buttner¹, S. Besharati², Y. Kim¹, F. Gani¹, F. Sobhani², I. R. Kamel², T. M. Pawlik¹ ¹Johns Hopkins University School Of Medicine, Surgery, Baltimore, MD, USA ²Johns Hopkins University School Of Medicine, Radiology, Baltimore, MD, USA

55.09. Outcomes of Minimally Invasive Esophagectomy: Is There a Benefit with Transthoracic Approaches?. A. Salem¹, R. Shridhar², K. Almhanna², S. Hoffe², K. Meredith³ ³Florida State University College Of Medicine, Department Of Surgery, Tallahassee, FL, USA ¹University Of Wisconsin, Department Of Surgery, Madison, WI, USA ²Moffitt Cancer Center And Research Institute, Department Of Surgery, Tampa, FL, USA

55.10. Effect of Standardizing Post-Operative Clinical Care Following Total Gastrectomy at a Cancer Center. L. V. Selby¹, M. B. Rifkin¹, M. F. Brennan¹, C. E. Ariyan¹, V. E. Strong¹ ¹Memorial Sloan-Kettering Cancer Center, Surgery, New York, NY, USA

2:30PM - 4:30PM

Integrated Oral Presentations Session II

56. OUTCOMES/CLINICAL: ONCOLOGY 3

ST. JOHNS

MODERATORS: Steven C. Katz, MD & Clifford S. Cho, MD

TUESDAY

56.01. Blood Transfusion is an Independent Predictor of Morbidity and Mortality after Hepatectomy. A. N. Martin¹, M. J. Kerwin¹, F. E. Turrentine¹, T. W. Bauer¹, R. B. Adams¹, G. J. Stukenborg¹, V. M. Zaydfudim¹ ¹University Of Virginia, Department Of Surgery, Charlottesville, VA, USA

56.02. Pancreas Fistula Risk Prediction: Implications For Hospital Costs And Payments . D. E. Abbott¹, C. Tzeng², M. T. McMillan³, M. P. Callery⁴, T. S. Kent⁴, J. D. Christein⁵, S. W. Behrman⁶, D. P. Schauer¹, M. H. Eckman¹, J. J. Sussman¹, C. M. Vollmer³ ¹University Of Cincinnati, Cincinnati, OH, USA ²University Of Kentucky, Lexington, KY, USA ³University Of Pennsylvania, Philadelphia, PA, USA ⁴Beth Israel Deaconess Medical Center, Boston, MA, USA ⁵University Of Alabama-Birmingham, Birmingham, Alabama, USA ⁶University Of Tennessee, Memphis, TN, USA ⁷University Of Tennessee, Memphis, TN, USA

56.03. Evolution and Impact of Lymph Node Dissection during Pancreaticoduodenectomy for Pancreatic Cancer . M. F. Eskander¹, S. W. De Geus¹, G. G. Kasumova¹, S. Ng¹, W. Al-Refaie³, G. Ayata², J. F. Tseng¹ ¹Beth Israel Deaconess Medical Center, Department Of Surgery, Boston, MA, USA ²Beth Israel Deaconess Medical Center, Department Of Pathology, Boston, MA, USA ³MedStar Georgetown University Hospital, Department Of Surgery, Washington, DC, USA

56.04. Outcomes of Minimally Invasive vs Open Esophagectomy for Esophageal Cancer: an NCDB Analysis. A. Hanna¹, M. Chuong¹, S. Bentzen¹, N. Hanna¹ ¹University Of Maryland, School Of Medicine, Baltimore, MD, USA

56.05. Expression of VEGFA and VEGFR correlates with Disease Free and Overall Survival in Colorectal Cancer. L. J. Fernandez¹, A. L. Olex², A. R. Wolen², D. A. Fenstermacher², M. G. Dozmorov², K. Takabe^{1,3} ¹Virginia Commonwealth University, Department Of Surgery, Division Of Surgical Oncology, Richmond, VA, USA ²Virginia Commonwealth University, Dept Of Biostatistics, Richmond, VA, USA ³Virginia Commonwealth University, Department Of Biochemistry & Molecular Biology, Richmond, VA, USA

WEDNESDAY

56.06. Efficacy of Adjuvant Chemotherapy for Small Bowel Adenocarcinoma: A Propensity Score-matched Analysis. B. L. Ecker¹, M. T. McMillan¹, J. Datta¹, D. L. Fraker¹, G. C. Karakousis¹, R. E. Roses¹ ¹University Of Pennsylvania, Philadelphia, PA, USA

56.07. Comparison of Perioperative Hemodynamic Management for Pheochromocytoma and Paraganglioma. J. D. Smith¹, J. H. Hammond¹, A. C. Niemann¹, A. T. Reid¹, S. A. DeBolle¹, D. T. Hughes¹ ¹University Of Michigan, Department Of Surgery, Ann Arbor, MI, USA

56.08. BRAF Mutational Status Predicts Papillary Thyroid Carcinoma Recurrence in Long Term Follow Up. A. Fingeret¹, K. Economopoulos¹, Y. Chen¹, P. Sadow², R. Hodin¹, S. Parangi¹, C. Lubitz¹ ¹Massachusetts General Hospital, Endocrine Surgery Division, Boston, MA, USA ²Massachusetts General Hospital, Department Of Pathology, Boston, MA, USA

56.09. Impact of Breast Cancer Subtype on Conversion to Breast Conservation with Neoadjuvant Chemotherapy. C. Capriccioso¹, J. Brennan¹, B. Heiden¹, A. Hage¹, A. Zheutlin¹, M. S. Sabel¹ ¹University Of Michigan, Surgery, Ann Arbor, MI, USA

56.10. Factors Associated with Intraoperative Evaluation for Sentinel Node Biopsy in Breast Cancer Patients. S. Z. Bhagwagar¹, T. Hughes², G. Babiera³, A. B. Chagpar¹ ¹Yale University School Of Medicine, Surgery, New Haven, CT, USA ²McPherson Hospital, Surgery, McPherson, KS, USA ³University Of Texas MD Anderson Cancer Center, Surgical Oncology, Houston, TX, USA

THURSDAY



2:30PM - 4:30PM

Integrated Oral Presentations Session II

57. OUTCOMES/CLINICAL: GENERAL SURGERY 3

HOSPITALITY SUITE 4104

MODERATORS: Jayleen M. Grams, MD, PhD & Heena Pravin Santry, MD, MS

57.01. Hospital Costs for 90 Days Before and After Ventral Hernia Repair using Biologic vs. Synthetic Mesh. C. Totten¹, N. D. Ward², D. L. Davenport¹, J. Roth¹ ¹University Of Kentucky, Department Of Surgery, Lexington, KY, USA ²University Of Kentucky, College Of Medicine, Lexington, KY, USA

57.03. The Model for End-Stage Liver Disease Predicts Outcomes for Patients Undergoing Cholecystectomy. S. Dolejs¹, E. P. Ceppa¹, J. Kays¹, B. L. Zarzaur¹ ¹Indiana University School Of Medicine, Indianapolis, IN, USA

57.04. Incidence of Hepaticojejunostomy Stricture Following Hepaticojejunostomy . F. M. Dimou¹, D. Adhikari¹, H. Mehta¹, D. Jupiter¹, T. S. Riall¹, K. Brown¹ ¹University Of Texas Medical Branch, Galveston, TX, USA

57.05. Comparative Analysis of Laparoscopic vs Robotic Distal Pancreatectomy: Is Robotic Surgery Superior?. T. B. Tran¹, D. J. Worhunsky¹, J. N. Leal¹, G. A. Poultsides¹, J. A. Norton¹, B. C. Visser¹, M. M. Dua¹ ¹Stanford University, Stanford, CA, USA

57.06. The Interplay of Pancreas Texture & Postoperative Serum Amylase Predicts Pancreatic Fistula Risk. N. S. McCall¹, C. B. Chen¹, M. J. Pucci¹, S. Doane¹, J. M. Winter¹, C. J. Yeo¹, H. Lavu¹ ¹Thomas Jefferson University, Department Of Surgery, Philadelphia, PA, USA

57.07. Solid Pseudopapillary Tumors of the Pancreas: An Analysis of 390 Adult Patients. L. M. Youngwirth¹, D. P. Nussbaum¹, E. Benrashed¹, B. C. Gulack¹, D. G. Blazer¹ ¹Duke University Medical Center, Durham, NC, USA

57.08. Can Segmental Colectomy Be Utilized For Fulminant Clostridium Difficile Colitis? An Analysis Of 746 Patients. H. Aziz¹, Z. Sun¹, M. Adam¹, J. Kim¹, J. Migaly¹, C. Mantyh¹ ¹Duke University Medical Center, General Surgery, Durham, NC, USA

57.09. Diverticular Disease is Associated With Benign Renal and Hepatic Cysts. P. F. Wrafter¹, T. M. Connelly³, B. C. Lucey⁴, A. Berg⁵, W. Koltun⁶, W. P. Joyce¹ ¹Galway Clinic, Dept of Surgery, Galway, Ireland ³University College Hospital Galway, Dept of Surgery, Galway, Ireland ⁴Galway Clinic, Dept of Radiology, Galway, Ireland ⁵Penn State University College of Medicine, Division of Biostatistics & Bioinformatics, Hershey, PA, USA ⁶Penn State Hershey Medical Center, Division of Colon and Rectal Surgery, York, PA, USA

57.10. Mental Stress of Surgeons and Residents at Daily Activities. M. Weenk¹, A. P. Alken¹, L. J. Engelen¹, B. J. Bredie¹, T. H. Van De Belt¹, H. Van Goor¹ ¹Radboudumc, Nijmegen, Gelderland, Netherlands

57.11. The Utility of Repeat Sestamibi Imaging in Primary Hyperparathyroidism After an Initial Negative Scan. V. D. Krishnamurthy¹, S. Sound¹, A. K. Okoh¹, P. Yazici¹, H. Yigitbas¹, D. Neumann², K. Doshi³, E. Berber¹ ¹Cleveland Clinic, Department Of Endocrine Surgery, Cleveland, OH, USA ²Cleveland Clinic, Department Of Nuclear Medicine, OH, USA ³Cleveland Clinic, Department Of Endocrinology, Cleveland, OH, USA

TUESDAY

WEDNESDAY

THURSDAY



2:30PM - 4:30PM

Integrated Oral Presentations Session II

58. OUTCOMES/CLINICAL: PEDIATRICS

HOSPITALITY SUITE 4106

MODERATORS: Kevin Mollen, MD & Michael Morowitz, MD

58.01. Ultrasound is a Sensitive Adjunct to Plain Radiographs in Management of Necrotizing Enterocolitis. S. E. Horne³, S. M. Cruz^{1,3}, S. Nuthakki², P. E. Lau^{1,3}, D. A. Lazar^{1,3}, S. E. Welty², O. O. Olutoye^{1,3} ¹Baylor College Of Medicine, Dept Of Surgery, Houston, TX, USA ²Texas Children's Hospital, Pediatrics, Houston, TX, USA ³Texas Children's Hospital, Pediatric Surgery, Houston, TX, USA

58.02. Significance of Splenic Contrast Blush Among Blunt Injured Children. S. N. Acker¹, D. A. Partrick¹, L. R. Hill¹, D. D. Bensard^{1,2} ¹Children's Hospital Colorado, Pediatric Surgery, Aurora, CO, USA ²Denver Health Medical Center, Dept of Surgery, Denver, CO, USA

58.03. Is Fluoroscopic Enema Reduction an Effective Initial Treatment for Intussusception in Older Children? K. B. Savoie^{1,2}, F. Thomas², S. S. Nouer³, E. Y. Huang¹ ¹University of Tennessee Health Science Center, Surgery, Memphis, TN, USA ²University of Tennessee Health Science Center, Biostatistics & Epidemiology, Memphis, TN, USA ³University of Tennessee Health Science Center, Preventive Medicine, Memphis, TN, USA

58.04. Real-Time Ultrasound For Central Venous Catheter Placement In Children: A Multi-institutional Study. L. A. Gurién¹, R. T. Russell², J. Kim³, K. E. Speck⁴, B. W. Calder⁵, A. P. Rogers⁶, A. M. Vogel⁷, D. A. DeUgarte⁸, K. B. Savoie⁹, S. D. St. Peter¹⁰, D. W. Parrish¹¹, D. H. Rothstein¹², E. J. Renaud¹³, H. C. Jen¹⁴, X. Tang¹⁵, M. S. Dassinger¹ ³Duke University Medical Center, Pediatric Surgery, Durham, NC, USA ⁴Vanderbilt University Medical Center, Pediatric Surgery, Nashville, TN, USA ⁵Medical University of South Carolina, Surgery, Charleston, SC, USA ⁶University of Wisconsin, Pediatric Surgery, Madison, WI, USA ⁷University of Washington, Pediatric Surgery, Seattle, WA, USA ⁸University of California - Los Angeles, Pediatric Surgery, Los Angeles, CA, USA ⁹University Of Tennessee Health Science Center, Le Bonheur Children's Hospital, Memphis, TN, USA ¹⁰Children's Mercy Hospital-University Of Missouri Kansas City, Pediatric Surgery, Kansas City, MO, USA ¹¹Children's Hospital of Richmond At Virginia Commonwealth University Medical Center, Richmond, VA, USA ¹²Women & Children's Hospital of Buffalo, Surgery, Buffalo, NY, USA ¹³Albany Medical Center, Albany, NY, USA ¹⁴Floating Hospital For Children at Tufts Medical Center, Boston, MA, USA ¹⁵University of Arkansas for Medical Sciences, Little Rock, AR, USA ¹Arkansas Children's Hospital, Pediatric Surgery, Little Rock, AR, USA ²University of Alabama, Children's of Alabama, Birmingham, AL, USA ¹⁶Pediatric Surgical Research Collaborative, USA

58.05. Intraoperative Assessment of the Small Bowel: When Length Matters so Does the Method of Measurement. E. D. Muise¹, J. J. Tackett¹, K. A. Callender¹, N. Gandotra¹, M. C. Bamdad¹, R. A. Cowles¹ ¹Yale University School of Medicine, Pediatric Surgery, New Haven, CT, USA

58.06. Small Bowel Diameter in Short Bowel Syndrome as a Predictive Factor for Achieving Enteral Autonomy. G. C. Ives¹, F. R. Demehri¹, R. Sanchez², M. Barrett¹, D. H. Teitelbaum¹ ¹University Of Michigan, Department Of Surgery, Section Of Pediatric Surgery, Ann Arbor, MI, USA ²University of Michigan, Department of Radiology, Section of Pediatric Radiology, Ann Arbor, MI, USA

58.07. Costs of Clostridium Difficile Infection in Pediatric Surgery: A Propensity Score Matched Analysis. A. N. Kulaylat¹, A. B. Podany¹, M. Twilley¹, C. S. Hollenbeak¹, D. V. Rocourt¹, B. W. Engbrecht¹, M. C. Santos¹, R. E. Cilley¹, P. W. Dillon¹ ¹Penn State Hershey Medical Center, Dept of Surgery, Hershey, PA, USA

58.08. Shock Index Pediatric Age Adjusted (SIPA) is more Accurate than Hypotension for Trauma Activation. S. N. Acker¹, B. Bredbeck¹, D. A. Partrick¹, A. M. Kulungowski^{1,2}, C. C. Barnett², D. D. Bensard^{1,2} ¹Children's Hospital Colorado, Pediatric Surgery, Aurora, CO, USA ²Denver Health Medical Center, Dept of Surgery, Denver, CO, USA

58.09. Population-based Validation of a Clinical Prediction Model for Congenital Diaphragmatic Hernias. D. P. Bent¹, A. Benedict^{1,2}, J. Nelson², H. C. Jen^{1,2} ¹Tufts University School of Medicine, Boston, MA, USA ²Tufts Medical Center, Boston, MA, USA

58.10. Should Children with Perforated Appendicitis be Managed on the Pediatric Hospitalist Service? D. Ayo¹, J. Fusco², J. Fisher¹, H. Ginsburg¹, K. Kuenzler¹, S. Tomita¹ ¹New York University School Of Medicine, Surgery, New York, NY, USA ²Beth Israel Medical Center, Surgery, New York, NY, USA

TUESDAY

WEDNESDAY

THURSDAY

2:30PM - 4:30PM

Integrated Oral Presentations Session II

59. OUTCOMES/CLINICAL: TRAUMA/CRITICAL CARE 2

HOSPITALITY SUITE 4108

MODERATORS: Jeffrey S. Upperman, MD & Ali Salim, MD

- 59.01. Older Adults: Partial Mitigation of Racial/Ethnic Disparities in Emergency Surgical Care?** C. K. Zogg¹, W. Jiang¹, A. A. Shah^{1,2}, J. W. Scott¹, E. J. Lilley¹, L. L. Wolf¹, M. Chaudhary¹, L. M. Kodadek³, O. A. Olufajo¹, D. Metcalfe¹, E. B. Schneider¹, Z. Cooper¹, A. Salim¹, A. H. Haider¹ ²Division Of General Surgery, Mayo Clinic, Scottsdale, AZ, USA ³Department Of Surgery, Johns Hopkins University School Of Medicine, Baltimore, MD, USA ¹Center For Surgery And Public Health, Harvard Medical School & Harvard School Of Public Health, Department Of Surgery, Brigham And Women's Hospital, Boston, MA, USA
- 59.02. Damage Control Cultures in Elderly Ventilated Trauma Patients: A Predictor of Mortality.** A. Ko¹, M. Y. Harada¹, G. Barmparas¹, G. M. Thomsen¹, E. Smith¹, T. Li¹, B. J. Sun¹, E. J. Ley¹ ¹Cedars-Sinai Medical Center, Division Of Trauma And Critical Care, Los Angeles, CA, USA
- 59.03. Location, Location, Location... Site of Rib Fracture Predicts Outcomes in Trauma Patients.** E. DeSouza¹, T. J. Zens¹, G. Levenson¹, H. Jung¹, S. Agarwal¹ ¹University Of WI School Of Medicine And Public Health, General Surgery, Madison, WI, USA
- 59.04. Rapid-thromboelastography (r-TEG) provides optimal thresholds for directed resuscitation after trauma.** P. M. Einersen², M. P. Chapman¹, H. B. Moore², E. Gonzalez², C. C. Silliman^{2,3}, A. Banerjee¹, A. Sauaia¹, E. E. Moore^{1,2} ¹Denver Health Medical Center, Surgery, Aurora, CO, USA ²University Of Colorado Denver, Surgery, Aurora, CO, USA ³Children's Hospital Colorado, Pediatric Hematology-Oncology, Aurora, CO, USA
- 59.05. Fibrinolysis Shutdown: Patient Presentation and Impact on Survival Among Severely Injured Children.** R. Yanney¹, H. B. Moore³, K. M. Mueck¹, I. Liras¹, J. C. Cardenas¹, M. T. Harting^{1,2}, B. A. Cotton¹ ¹University Of Texas Health Science Center At Houston, Houston, TX, USA ²Children's Memorial Hermann Hospital, Houston, TX, USA ³Denver Health Medical Center, Aurora, CO, USA
- 59.06. Comparison Of Platelet & RBC Indices After Splenectomy, Embolization, & Observation In Trauma.** A. Cipriano¹, U. MacBean¹, B. Wernick¹, R. N. Mubang¹, T. R. Wojda¹, S. Liu¹, S. Bezner-Serres³, D. C. Evans², B. A. Hoey¹, S. Odom³, P. Thomas¹, C. H. Cook³, S. P. Stawicki¹ ¹St Luke's University Health Network, Department Of Surgery, Bethlehem, PA, USA ²Ohio State University, Department Of Surgery, Columbus, OH, USA ³Beth Israel Deaconess Medical Center, Department Of Surgery, Boston, MA, USA
- 59.07. DOES THORACOSTOMY TUBE POSITION REALLY MATTER?** N. W. Kugler¹, P. Knechtges², D. Milia¹, T. W. Carver¹, L. Goodman², J. S. Paul¹ ¹Medical College Of Wisconsin, Trauma And Critical Care, Milwaukee, WI, USA ²Medical College Of Wisconsin, Radiology, Milwaukee, WI, USA
- 59.08. Epidemiology and One-Year Sequelae of Acute Compartment Syndrome.** D. Metcalfe¹, A. Haider¹, O. A. Olufajo¹, M. B. Harris², C. K. Zogg¹, A. J. Rios Diaz¹, M. J. Weaver², A. Salim¹ ¹Harvard Medical School, Center For Surgery And Public Health, Boston, MA, USA ²Brigham & Women's Hospital, Department Of Orthopedic Surgery, Boston, MA, USA
- 59.09. Understanding the Burden of Traumatic Brain Injury: Incidence Beyond the ED.** C. K. Zogg¹, E. B. Schneider^{1,2,3}, J. W. Scott¹, M. Chaudhary¹, A. J. Rios Diaz¹, E. Kiwanuka⁵, S. Haring^{1,6}, A. A. Shah^{1,3}, L. L. Wolf¹, J. K. Canner³, A. Salim¹, E. J. Caterson⁵, A. H. Haider¹ ²Department Of Epidemiology, Johns Hopkins Bloomberg School Of Public Health, Baltimore, MD, USA ³Department Of Surgery, Johns Hopkins University School Of Medicine, Baltimore, MD, USA ⁴Division Of General Surgery, Mayo Clinic, Scottsdale, AZ, USA ⁵Division Of Plastic Surgery, Warren Alpert Medical School, Brown University, Providence, RI, USA ⁶Department Of Health Policy & Management, Johns Hopkins Bloomberg School Of Public Health, Baltimore, MD, USA ⁷Department Of Plastic And Reconstructive Surgery, Brigham & Women's Hospital, Boston, MA, USA ¹Center For Surgery And Public Health, Harvard Medical School & Harvard School Of Public Health, Department Of Surgery, Brigham And Women's Hospital, Boston, MA, USA
- 59.10. Center-level Pharmacologic VTE Prophylaxis Strategies and Risk of PE.** S. Mason¹, J. Byrne¹, B. Haas¹, C. Hoeff², M. Neal², A. Nathens¹ ¹Sunnybrook Health Sciences Centre, Toronto, ONTARIO, Canada ²American College Of Surgeons, Chicago, IL, USA

TUESDAY

WEDNESDAY

THURSDAY



TUESDAY

WEDNESDAY

THURSDAY

3:30PM - 4:00PM

Break in Exhibit Hall

GRAND FOYER BALLROOM

4:30PM - 5:30PM

SUS New Member Poster Session

GRAND FOYER BALLROOM

BASIC SCIENCE 1

Poster Moderators: David Hackam, MD, PhD and George Gittes, MD

- P1. Statin Reduce Aneurysms in Marfan Syndrome Mice via Inhibition of RAS Induced ERK Signaling Pathway;** M. Fischbein
- P2. Modifying the Embryonic Colonic Microenvironment Decreases Aganglionosis in Hirschsprung's Disease;** A. Gosain
- P3. The Role of Thrombospondin 1 in Stiffened Arterial Remodeling;** L. Brewster
- P4. Pharmacokinetic Regulation of Cancer-Targeting Alkylphosphocholine Analogs;** J. Kuo

BASIC SCIENCE 2

Poster Moderators: George Yang, MD and Dai Chung, MD

- P5. Ribosomopathy-Mediated Natural Killer Cell Senescence;** A. Krupnick
- P6. ECM1 Regulates the Actin Cytoskeleton of Breast Cancer Cells via S100A4 and Rho-family GTPases;** G. Lal
- P7. HUMAN MYELOID DERIVED SUPPRESSOR CELLS INDUCE IMMUNE SUPPRESSION AFTER SEVERE SEPSIS;** P. Efron
- P8. Hydrophilic Polymers Restore Axonal Continuity as Assessed by Diffusion Tensor Imaging;** W. Thayer
- P9. Mesenchymal Stem Cells Promote Liver Regeneration;** R. Saidi

CLINICAL 1

Poster Moderators: Greg Kennedy, MD, PhD and Susan Orloff, MD

- P10. Discrete Choice Survey App for Individualized Peripheral Arterial Disease Treatment Selection;** M. Corriere
- P11. Avoiding Aortic Clamping During CABG Reduces Postoperative Stroke;** M. Halkos
- P12. ~Surgical Treatment of Moderate Ischemic Mitral Regurgitation;** R. Michler
- P13. Outcomes of Catheter-Directed Intervention vs. Anticoagulation Alone for Acute Pulmonary Embolism;** R. Chaer
- P14. Is Routine Patching Necessary Following Carotid Endarterectomy?** N. Gargiulo

CLINICAL 2

Poster Moderators: Thomas Aloia, MD and Taylor Riall, MD, PhD

- P15. Which Complications Matter The Most? Prioritizing Quality Improvement in Emergency General Surgery;** J. Scarborough
- P16. Radioactive Iodine Treatment for Hürthle Cell Carcinoma;** S. Roman
- P17. Randomized Controlled Trial of Lap-Cholecystectomy vs. Nonoperative Therapy for Biliary Dyskinesia;** B. Richmond
- P18. Pre-admission Do Not Resuscitate is Associated with Adverse Outcomes Following Acute Traumatic Injury;** R. Jawa
- P19. Learning Styles Preferences of Applicants to General Surgery Residency;** R. Kim

CLINICAL 3

Poster Moderators: Sharon Weber, MD and Richard Hodin, MD

- P20. A Randomized Controlled Trial of Ethanol Celiac Plexus Neurolysis in Periampullary Adenocarcinoma;** H. Lavu
- P21. Recurrence following resection of small IPMN-associated carcinomas (≤ 20 mm invasive component);** J. Winter
- P22. Selective Versus Routine Radical Resection Following Neoadjuvant Chemoradiation for Rectal Cancer;** N. Esnaola
- P23. Minority Serving Hospitals Have Fewer Resources for Cancer Care and Lower Adherence to Guidelines;** K. Rhoads
- P24. Use of a bundle checklist combined with provider confirmation reduced risk of nosocomial complications and death in trauma patients?** D. Reiff

4:30PM - 5:30PM **SUS New Member Poster Session (continued)** GRAND FOYER BALLROOM

CLINICAL 4

Poster Moderators: David Mercer, MD and Allan Tsung, MD

P25. Cardiovascular Risk Factors in Severely Obese Adolescents: Initial Results From The Teen-LABS Study; M. Michalsky

P26. Outcome Analysis of Intraoperative Hemodialysis in the Highest Acuity Liver Transplant Recipients; J. Hong

P27. 5 Meter Walk Test Predicts Listing for Liver Transplant and Waitlist Dropout; A. Tevar

P28. All in for Paired Kidney Exchange: The Benefits of Placing All Pairs into a National Paired Kidney Exchange Program? D. Lesser

OR

4:30PM - 5:30PM **Meet the AAS Leadership Reception (Invitation Only)** DAYTONA

OR

4:30PM - 5:30PM **ASC Cocktail Reception in Exhibit Area** GRAND FOYER BALLROOM

5:30PM - 7:00PM **AAS Business Meeting** GRAND BALLROOM 1-3

7:00PM - 12:00AM **ASC Celebration Event** GRAND BALLROOM 4-5

**Please join us as we celebrate the joint collaboration between the AAS and SUS!
Meet up with colleagues and dance to tunes spun by our very own DJ Dorry Segev.**



TUESDAY
WEDNESDAY
THURSDAY



6:30AM - 8:00AM	Continental Breakfast	GRAND FOYER BALLROOM
7:00 AM - 9:00 AM	<p>SPONSORED BREAKFAST: “How to Review a Paper: Suggestions from the Editors of SURGERY and Journal of Surgical Research” <i>(This session is supported by a generous educational grant from Elsevier.)</i></p> <p>SPEAKERS: Michael G. Sarr, MD, Kevin E. Behrns, MD, David W. McFadden, MD, & Scott A. LeMaire, MD</p> <ul style="list-style-type: none"> • What Does the Editor Want from Your Review? – Michael G. Sarr, MD • What Does the Author Want To Get From Your Review? – Kevin E. Behrns, MD • Dos and Don'ts for Reviews – David W. McFadden, MD • Why is Reviewing Manuscripts Important for Your Career? – Scott A. LeMaire, MD • Question and Answer Session <p>LEARNING OBJECTIVES</p> <p>At the conclusion of this session, participants will be able to:</p> <ul style="list-style-type: none"> • Adopt a standardized review outline or form for their reviews. • Avoid inappropriate phrases and comments in their reviews to the authors. • Understand how acting as a reviewer will further their academic career as well as providing academic citizenship. 	GRAND BALLROOM 1-3
7:30AM - 9:00AM	<p>ETHICS COMMITTEE SESSION: “Cultural and Ethical Competencies in Global Surgery”</p> <p>SESSION CHAIRS: Tamarah Westmoreland, MD, PhD & Gretchen Schwarze, MD, MPP MODERATOR: Tamarah Westmoreland, MD, PhD SPEAKER: Girma Tefera, MD</p> <ul style="list-style-type: none"> • Introduction – Tamarah Westmoreland, MD, PhD • Cultural and Ethical Competencies in Global Surgery – Girma Tefera, MD • Discussion <p>LEARNING OBJECTIVES</p> <p>At the conclusion of this session, participants will be able to:</p> <ul style="list-style-type: none"> • Recognize the surgical global need. • Develop solutions to the barriers of volunteering in global surgery. • Develop tools to meet the cultural and ethical challenges in global surgery. 	GRAND BALLROOM 6-8
9:00AM - 1:30PM	Exhibit Hall Open	GRAND FOYER BALLROOM
9:00AM - 9:30AM	Morning Break in Exhibit Area	GRAND FOYER BALLROOM
9:00AM - 10:30AM	<p>AAS/SUS/SAAS Research Award Ceremony</p> <p>PRESENTED BY: Kasper Wang, MD, Adil Haider, MD, MPH, Timothy Donahue, MD & Caprice Greenberg, MD, MPH</p> <ul style="list-style-type: none"> • SUS 2014-2015 KARL STORZ Resident Award <i>“Enteric Neuronal Stem Cell Transplant in Hirschsprung’s Disease”</i> Lily Cheng, MD, UCSF • SUS 2014-2015 Ethicon Resident Award <i>“The bNORMAL clinical trial: bronchial Near Infrared Oncologic Resection, Mapping, and (Sentinel) Lymphadenectomy for lung cancer staging and treatment”</i> Krista Hachey, MD, Partners Health Care • 2014 AASF Research Fellowship, Clinical Outcomes Award Recipient <i>“Human Factors Analysis of Team Fluidity in the Operating Room”</i> Lane Frasier, University of Wisconsin • 2014 Joel J. Roslyn, MD Faculty Research Award Recipient <i>“Microbial Programming of Neonatal Antibody Protection”</i> Colin Martin, MD, University of Alabama, Birmingham • SAAS Top Abstract <i>“CDK4/6 and MEK Inhibition Overcome STAT3-mediated Chemoresistance in KRAS mutant Pancreatic Cancer”</i> Jason Castellanos, MD, Vanderbilt University • 2016 SAAS Junior Faculty Award: Daniel Chu, MD, University of Alabama, Birmingham 	GRAND BALLROOM 1-3

TUESDAY

WEDNESDAY

THURSDAY

9:00AM - 10:30 AM

ISSUES COMMITTEE SESSION:

“Professional Underperformance, Impairment, and Mindfulness – From Residency to Retirement”

GRAND BALLROOM 6-8

SESSION CHAIRS: Daniel Abbott, MD & Scott Steele, MD

MODERATORS: Daniel Abbott, MD & Scott Steele, MD

SPEAKERS: Joseph Galante, MD & Spence Taylor, MD

- Introduction and Welcome – Daniel Abbott, MD
- Underperforming/Impaired Trainees— Support, Dismissal, Ethics and the Law: When do ‘2nd chances’ Run Out? – Joseph Galante, MD
- Understanding Emotional Energy and its Relationship to High Self Mastery – Spence Taylor, MD
- Questions and Answers – Scott Steele, MD

LEARNING OBJECTIVES

At the conclusion of this session, participants will be able to:

- Articulate the ramifications of physician dismissal, particularly at the resident level, as well as the ramifications of graduating underperforming physicians and how other professionals are disciplined.
- Identify the legal issues surrounding either retention or dismissal in other professionals and when do you call it quits.
- Identify strategies to avoid burnout and limited attention to personal/professional ramifications of burnout.
- Discover how a more healthy ‘systems’ approach can help underperforming trainees.
- Define the generational divide, life-coaching, evolving health care and implications for the future of surgery if we do not change our approach.

10:30 AM - 12:00 PM

Outcomes/Clinical Plenary Session

GRAND BALLROOM 6-8

MODERATORS: Justin Dimick, MD, MPH & Sharon Weber, MD

60.01. Hospital Resource Characteristics Associated with Improved Surgical Performance. R. S. Hoehn¹, D. J. Hanseman¹, D. Go¹, K. Wima¹, A. L. Chang¹, A. E. Ertel¹, S. A. Shah¹, D. E. Abbott¹ ¹University Of Cincinnati, Surgery, Cincinnati, OH, USA

60.02. Does AAS Membership Improve the Academic Productivity of its Constituent Members? N. Valsangkar¹, D. Milgrom¹, P. J. Martin¹, J. Parrett¹, M. M. Joshi¹, T. A. Zimmers¹, L. G. Koniaris¹ ¹Indiana University, Department Of Surgery, Indianapolis, IN, USA

60.03. The Use of Smart Phone Thermal Imaging for Assessment of Peripheral Perfusion in Vascular Patients. G. Wallace¹, E. Quiroga¹, N. Tran¹ ¹University Of Washington, Vascular Surgery, Seattle, WA, USA

60.04. Evaluating the Blind Spot of Surgical Quality: A National Assessment of Non-Operative Management. M. W. Wandling^{1,2,3,4}, A. B. Nathens^{4,5,6}, E. S. Pavey^{1,2}, J. W. Chung^{1,2,3}, A. D. Yang^{1,2,3}, M. B. Shapiro¹, C. Y. Ko^{4,7,8}, K. Y. Bilimoria^{1,2,3} ¹Northwestern University Feinberg School Of Medicine, Department Of Surgery, Chicago, IL, USA ²Northwestern University Feinberg School Of Medicine, Surgical Outcomes And Quality Improvement Center, Chicago, IL, USA ³Northwestern University Feinberg School Of Medicine, Institute For Public Health And Medicine, Center For Healthcare Studies, Chicago, IL, USA ⁴American College Of Surgeons, Division Of Research And Optimal Patient Care, Chicago, IL, USA ⁵University of Toronto, Department Of Surgery, Toronto, Ontario, Canada ⁶Sunnybrook Health Sciences Centre, Department Of Surgery, Toronto, ON, Canada ⁷University Of California - Los Angeles, Department Of Surgery, Los Angeles, CA, USA ⁸VA Greater Los Angeles Healthcare System, Los Angeles, CA, USA

60.05. “Take the Volume Pledge” May Result in Disparity in Access to Care. B. A. Blanco¹, A. N. Kothari¹, R. H. Blackwell², R. M. Yau³, D. M. Graunke⁴, S. G. Pappas⁵, P. C. Kuo¹, G. J. Abood¹ ¹Loyola University Medical Center, Department Of Surgery; ¹MAP Surgical Analytics Research Group, Maywood, IL, USA ²Loyola University Medical Center, Department Of Urology; ¹MAP Surgical Analytics Research Group, Maywood, IL, USA ³MAP Surgical Analytics Research Group, Maywood, IL, USA ⁴DePaul University College Of Computing And Digital Media, Chicago, IL, USA ⁵Loyola University Medical Center, Department Of Surgery, Maywood, IL, USA

60.06. Hospital Teaching Status and Medicare Expenditures for Complex Surgery. J. C. Pradarelli¹, C. P. Scally¹, H. Nathan¹, J. R. Thumma¹, J. B. Dimick¹ ¹University Of Michigan, Ann Arbor, MI, USA



12:00PM - 1:30PM

General Conference Lunch

GRAND FOYER BALLROOM

OR

12:00PM - 1:30PM

HOT TOPICS SESSION #3 (Lunch):
“The Role of Professional Coaching in Developing Emotional Intelligence and Preventing Burnout in Surgery”

GRAND BALLROOM 1-3

SPEAKERS: Taylor S. Riall, MD, PhD & Tambre Leighn, MA, CPC, PCC, ELI-MP

- The Challenges We Face in Academic Surgery
- The Statistics on Burnout Among Surgeons
- The Role of Professional Coaching in Recovering from and Preventing Burnout
- A Unique Coaching Model That Helps Create Mindfulness, Emotional Intelligence, and Wellbeing
- Live Coaching Demonstrations/Practical Application of These Tools
- Question and Answer Period

LEARNING OBJECTIVES:

At the conclusion of this session, participants will be able to:

- Discuss the challenges in academic surgery that contribute to burnout.
- Define emotional intelligence, mindfulness, and wellbeing.
- Understand tools that professional coaches use to help individual’s increase self-awareness.
- Understand the role of the Energy Leadership model in developing mindfulness and emotional intelligence.
- Discover that:
 - They can be at the cause and not the effect of their lives.
 - Every day, in every situation, they have a choice.
 - They can consciously respond rather than react to their environment.

OR

12:00PM - 1:30PM

EDUCATION COMMITTEE SESSION (Lunch):
“Academic Success in Surgery: What Does It Really Take?”

GRAND BALLROOM 6-8

SESSION CHAIRS: Jacob Greenberg, MD, EdM & Rebekah White, MD

MODERATOR: Adil Haider, MD, MPH

SPEAKERS: Timothy R. Billiar, MD, Allan Goldstein, MD, Robert S. D. Higgins, MD, Muneera Kapadia, MD & Jeffrey B. Matthews, MD

- Introduction – Adil Haider, MD, MPH
- Results of a SUS sponsored Study on Surgeons and Basic Science Research – Allan Goldstein, MD
- Results of an AAS and SUS sponsored Qualitative Research Study of Barriers and Facilitators for obtaining an NIH-sponsored Mentored Career Development Award (K Award) – Muneera Kapadia, MD
- Panel Discussion with Surgery Chairs – Robert S. D. Higgins, MD, Jeffrey B. Matthews, MD, & Timothy R. Billiar, MD
- Questions and Answers

LEARNING OBJECTIVES:

At the conclusion of this session, participants will be able to:

- Articulate the difficulties of balancing a clinical and academic career.
- Present recent survey findings regarding issues with pursuing Basic Science research as a surgeon.
- Present recent qualitative research identifying challenges of obtaining a K-award and progressing to independent funding.
- Illustrate the importance of mentorship for successful surgeon scientists.
- Make recommendations to aspiring surgeon scientists for a successful career in academic surgery.

TUESDAY

WEDNESDAY

THURSDAY

1:30PM - 3:30PM

Integrated Quick Shot Sessions II (Sessions 61 - 78)

61. BASIC SCIENCE + OUTCOMES/CLINICAL: CARDIOTHORACIC

CITY TERRACE 4

MODERATORS: Stephen Hugh McKellar, MD & Anthony W. Kim, MD

61.01. Effects of Diabetes and CPB on Adherens-Junction-Protein Expression of Human Peripheral Tissue. J. Feng¹, A. K. Singh¹, J. Liang¹, Y. Liu¹, F. W. Sellke¹ ¹Brown University School Of Medicine, Cardiothoracic/Surgery, Providence, RI, USA

61.02. Is Local Anesthesia a Better Approach for Transcatheter Aortic Valve Replacement Procedures? A. Das¹, D. M. Strauss¹, G. Savulionyte¹, N. L. Owen-Simon¹, K. J. Oh¹, H. A. Cohen¹, B. O'Murchu¹, B. P. O'Neill¹, G. Wheatley¹ ¹Temple University, Cardiovascular Surgery, Philadelphia, PA, USA

61.03. Does Pre-operative Amiodarone Exposure Impact Outcomes in Cardiac Transplant Recipients? E. Lushaj¹, R. Dhingra², S. Akhter¹, T. Kohmoto¹, S. Ulschmidt¹, S. Osaki¹, A. Badami¹, L. Lozonschi¹ ¹University Of Wisconsin, Cardiothoracic/Surgery, Madison, WI, USA ²University Of Wisconsin, Cardiovascular/Medicine, Madison, WI, USA

61.04. Late Durability of Decellularized Allografts for Aortic Valve Replacement: a Word of Caution. M. R. Helder¹, N. T. Kouchoukos⁴, K. Zehr², J. A. Dearani¹, C. N. Heins³, H. V. Schaff¹ ¹Mayo Clinic, Cardiovascular Surgery, Rochester, MN, USA ²Johns Hopkins University School Of Medicine, The John Hopkins Heart & Vascular Institute, Baltimore, MD, USA ³Mayo Clinic, Biomedical Statistics And Informatics, Rochester, MN, USA ⁴Missouri Baptist Medical Center, St. Louis, MO, USA

61.05. Mortality Difference in Malignant Pleural Effusions Treated with Pleural Catheter or Talc Pleurodesis. D. Liou¹, D. Serna-Gallegos¹, J. Chan¹, J. Borgella¹, H. J. Soukiasian¹ ¹Cedars-Sinai Medical Center, Los Angeles, CA, USA

61.06. Clinical Significance Of Spontaneous Pneumomediastinum. B. A. Potz¹, L. Chao¹, T. T. Ng¹, I. C. Okereke¹ ¹Brown University, Surgery/Cardiothoracic Surgery/Warren Alpert Medical School, Providence, Rhode Island, USA

61.07. Direct Aortic Access for Transcatheter Aortic Valve Replacement is a Suitable Delivery Alternative. G. Savulionyte¹, D. M. Strauss¹, A. Das¹, K. J. Oh¹, N. L. Owen-Simon¹, H. A. Cohen¹, B. O'Murchu¹, B. P. O'Neill¹, G. Wheatley¹ ¹Temple University, Cardiovascular Surgery, Philadelphia, PA, USA

61.08. National Contemporary Outcomes of Open Thoroacoabdominal Aneurysm Repair in an Endovascular Era. T. Obeid¹, K. Yin¹, A. Kilic¹, I. Arhuidese¹, B. Nejm¹, M. Malas¹ ¹Johns Hopkins University School Of Medicine, Surgery, Baltimore, MD, USA

61.09. Timing and Frequency of Unplanned Readmissions after Heart Transplant Does Not Impact Long-term Survival. E. Lushaj¹, T. Kohmoto¹, L. Lozonschi¹, S. Osaki¹, A. Badami¹, S. Ulschmidt¹, S. Akhter¹ ¹University Of Wisconsin, Cardiothoracic/Surgery, Madison, WI, USA

61.10. Evaluation of Del Nido and Conventional Blood Cardioplegia in Adult Cardiac Operations. R. Ou¹, A. Zhu¹, A. Ashfaq¹, S. Nguyen¹, S. Riazati¹, R. Satou¹, R. J. Shemin¹, P. Benharash¹ ¹David Geffen School Of Medicine, University Of California At Los Angeles, Division Of Cardiac Surgery, Los Angeles, CA, USA

61.11. Decreased Left Ventricular Function is Not a Contraindication to Transcatheter Aortic Valve Replacement. D. M. Strauss¹, A. Das¹, G. Savulionyte¹, K. J. Oh¹, N. L. Owen-Simon¹, H. A. Cohen¹, B. O'Murchu¹, B. P. O'Neill¹, G. Wheatley¹ ¹Temple University, Philadelphia, PA, USA

61.12. Finite element analysis: Assessing the optimal patient-specific mitral valve repair. A. E. Morgan¹, L. Ge⁴, W. G. Morrel⁵, J. L. Pantoja⁵, E. A. Grossi³, M. B. Ratcliffe^{1,2} ¹University Of California - San Francisco, Surgery, San Francisco, CA, USA ²San Francisco VA Medical Center, Surgery, San Francisco, CA, USA ³New York University School Of Medicine, Cardiothoracic Surgery, New York, NY, USA ⁴University Of California - San Francisco, Bioengineering, San Francisco, CA, USA ⁵University Of California - San Francisco, School Of Medicine, San Francisco, CA, USA

61.13. Perioperative Outcomes Following Cardiovascular Surgery in Patients with 22q11.2 deletion. M. E. Mitchell^{1,2}, D. Menhke², P. Simpson², M. Nugent², A. Tomita-Mitchell², N. Ghanayem^{1,2}, S. Clarke^{1,2} ¹Children's Hospital Of Wisconsin, Milwaukee, WI, USA ²Medical College Of Wisconsin, Milwaukee, WI, USA

61.14. Role of the Surgical Robot in an Advanced Video-Assisted Thoracoscopic Program. M. Huang¹, B. Zwierzchowski¹, W. Wong¹, T. Demmy¹, E. Dexter¹, M. Hennon¹, A. Picone¹, W. Tan¹, S. Yendamuri¹, C. Nwogu¹ ¹Roswell Park Cancer Institute, Buffalo, NY, USA

61.15. Blunt Cardiac Injury: Improved Outcomes or Misdiagnosis? A. Azim¹, B. Joseph¹, T. Orouji Jocar¹, N. Kulvatanyou¹, T. O'Keefe¹, A. Tang¹, R. Latifi¹, D. Green¹, G. Vercruyse¹, R. Friese¹, P. Rhee¹ ¹University Of Arizona, Trauma Surgery, Tucson, AZ, USA

61.16. Intensive glycemic control reduces mortality and morbidity in cardiac surgery patients: Meta-analysis. K. P. Kulkarni³, R. S. Chamberlain^{1,2,3} ¹Saint Barnabas Medical Center, Surgery, Livingston, NJ, USA ²New Jersey Medical School, Surgery, Newark, NJ, USA ³St. George's University School Of Medicine, St. George's, St. George's, Grenada

61.17. Open Access Phone Triage for Veterans with Suspected Malignant Pleural Mesothelioma (MPM). C. J. Siegert^{1,2}, J. Lally^{1,4}, M. Shoni^{1,2}, P. M. Fischella⁴, A. Leberthal^{1,2,3} ¹VA Boston Healthcare System, Section Of General Thoracic Surgery, West Roxbury, MA, USA ²Brigham And Women's Hospital, Division Of General Thoracic Surgery, Boston, MA, USA ³Brigham And Women's Hospital, International Mesothelioma Program, Boston, MA, USA ⁴VA Boston Healthcare System, Department Of Surgery, West Roxbury, MA, USA

61.18. Septal Myectomy is Safe and Effective at a Medium Volume Center. S. Mokashi¹, I. Gosev¹, S. McGurk¹, M. Yammine¹, K. Rajab¹, P. S. Shekar¹ ¹Brigham And Women's Hospital, Cardiac Surgery, Boston, MA, USA

61.19. Esophageal Duplication Cysts And Closure Of The Muscle Layer. L. O. Benedict¹, S. Bairdain², J. K. Paulus⁴, C. Jackson¹, C. Chen², C. Kelleher³ ¹Tufts Medical Center, Pediatric Surgery, Boston, MA, USA ²Children's Hospital Boston, Pediatric Surgery, Boston, MA, USA ³Massachusetts General Hospital, Pediatric Surgery, Boston, MA, USA ⁴Tufts Clinical And Translational Science Institute, Boston, MA, USA

61.20. The Impact of Developing a Pectus Center for Chest Wall Deformities. K. W. Gonzalez¹, B. G. Dalton¹, E. M. Knott¹, B. Kurtz¹, A. S. Poola¹, C. L. Snyder¹, S. D. St. Peter¹, G. W. Holcomb¹ ¹Children's Mercy Hospital-University Of Missouri Kansas City, Pediatric Surgery, Kansas City, MO, USA

TUESDAY

WEDNESDAY

THURSDAY

1:30PM - 3:30PM

Integrated Quick Shot Sessions II

62. EDUCATION: CROSS DISCIPLINARY - RESIDENT EDUCATION

CITY TERRACE 5

MODERATORS: Imran Hassan, MD & Nabil Wasif, MD

62.01. Post-80-hour Workweek Trends in General Surgery Resident Applications.

J. A. Keeley¹, C. DeVirgilio¹, A. Moazzez¹, S. Lee¹, B. Jarmin², A. L. Neville¹ ¹Harbor-UCLA Medical Center, General Surgery, Torrance, CA, USA ²Gunderson Medical Foundation, General Surgery, La Crosse, WI, USA

62.02. An Exploration of Moonlighting Effects on Surgical Skill in Lab Residents.

K. Law¹, S. J. Gannon^{2,3}, A. D. D'Angelo², D. A. Wiegmann¹, C. M. Pugh^{1,2} ¹University Of Wisconsin, Industrial And Systems Engineering, Madison, WI, USA ²University Of Wisconsin, Surgery, Madison, WI, USA ³University Of Wisconsin, Kinesiology, Madison, WI, USA

62.03. Emotional Intelligence in Surgery: Relationship with Resident Performance and Job Satisfaction.

R. H. Hollis¹, L. M. Theiss¹, M. S. Morris¹, J. R. Porterfield¹, J. M. Grams¹, D. Chu¹ ¹University Of Alabama At Birmingham, Dept Of Surgery, Birmingham, AL, USA

62.04. First-Case Delays: Curriculum-based Quality Improvement in Interdisciplinary Teams.

A. Botty Van Den Bruele¹, M. Main², C. L. Leaphart¹ ¹University Of Florida, Department Of Surgery, Jacksonville, FL, USA ²UFHealth Jacksonville, Perioperative Services, Jacksonville, FL, USA

62.05. Does Lung Implantation by a Resident Affect Short-Term Outcomes?

J. Price¹, D. Williams¹, R. Murthy¹, J. Waters¹, W. Ring¹, M. E. Jessen¹, M. Peltz¹, M. Wait¹ ¹University Of Texas Southwestern Medical Center, Cardiovascular And Thoracic Surgery, Dallas, TX, USA

62.06. Sharing Stress in Surgical Training?.

S. Alken¹, J. Luursema¹, C. Fluit¹, H. Van Goor¹ ¹Radboud University Medical Center, Nijmegen, N/A, Netherlands

62.07. Implementing a Resident Acute Care Surgery Service: Improving Resident Education and Patient Care.

O. Kantor¹, A. B. Schneider¹, M. Rojnica¹, A. J. Benjamin¹, N. Schindler^{1,2}, M. C. Posner¹, J. B. Matthews¹, K. K. Roggin¹ ¹University Of Chicago, Department Of Surgery, Chicago, IL, USA ²Northshore University Health System, Department Of Surgery, Evanston, IL, USA

62.08. Emerging Reimbursement Models in Surgical Practice: General Surgery Resident Perceptions.

J. M. Linson¹, J. W. Dennis¹, E. Lerner¹, M. Nussbaum¹, J. Tepas¹ ¹University Of Florida College Of Medicine, Surgery, Jacksonville, FL, USA

62.09. Assessing Pre-Operative Communication Between Attending and Residents.

S. Sullivan¹, J. Steiman¹, C. Pugh¹ ¹University Of Wisconsin, Madison, WI, USA

62.10. Fate of Abstracts Presented at the 2009 American Transplant Congress and the 2007-2009 AHPBA.

J. B. Durinka¹, C. Ortiz², T. Wenzel², J. Ortiz² ¹University Of Buffalo, Buffalo, NY, USA ²University Of Toledo, Surgery, Toledo, OH, USA

62.11. Do Trends in Surgical Resident Case Volumes Justify Additional Oncology Fellowship Training?.

A. A. Khan¹, S. Desai¹, J. Mellinger¹, S. Ganai¹ ¹Southern Illinois University School Of Medicine, Springfield, IL, USA

62.12. Intraoperative Variation and Acquisition of Complex Operative Techniques: Pancreaticoduodenectomy.

S. J. Davidson¹, M. Rojnica², A. J. Langerman² ¹University Of Chicago, Pritzker School Of Medicine, Chicago, IL, USA ²University Of Chicago, Department Of Surgery, Chicago, IL, USA

62.13. Comparison of Surgical Clerkship Performance between Medical and Physician Assistant Students.

N. N. Alamiri¹, C. M. Maliska¹, H. Chancellor-Macintosh¹, G. Sclabas¹ ¹University Of Oklahoma Health Science Center, College Of Medicine In Tulsa - Department Of Surgery, Tulsa, OK, USA

62.14. Impact of Hepatopancreatobiliary and MIS Fellowships on General Surgery Resident Experience.

R. M. Minter¹, B. D. Schirmer², R. Rosenthal³, M. Arregui⁴, L. Swanstrom⁵ ¹University Of Michigan, Surgery, Ann Arbor, MI, USA ²University Of Virginia, Surgery, Charlottesville, VA, USA ³Virgin Islands, U.S. ⁴Cleveland Clinic Florida, Surgery, Weston, FL, USA ⁵Nagan, Arregui, And Davis, MD Inc, Surgery, Indianapolis, IN, USA ⁶The Oregon Clinic, Surgery, Portland, OR, USA

62.15. Back to Basics—The Importance of Enterostomal Therapy Education for General Surgery Residents.

J. J. Tackett¹, A. L. Fonseca¹, W. E. Longo¹ ¹Yale University School Of Medicine, Department Of Surgery, New Haven, CT, USA

62.16. Trends in and barriers to medical students' surgical education: a global survey .

I. H. Marks³, M. Keem³, A. Diaz¹, S. L. Seyedian⁴, G. S. Philipo³, I. Di Salvo⁷, H. Munir⁸, T. Pomerani⁶, N. Peter⁵, C. Lavy⁵ ¹Virginia Commonwealth University, School Of Medicine, Richmond, VA, USA ²University Of Melbourne, Australia ³Barts And The London School Of Medicine And Dentistry, London, United Kingdom ⁴Tehran University Of Medical Sciences, Student Scientific Research Center, Tehran, Iran ⁵University Of Oxford, Oxford, United Kingdom ⁶University Of Florence, Florence, Italy ⁷University Of Pavia, Lombardy, Italy ⁸Allama Iqbal Medical College, Lahore, Pakistan ⁹Mwananyamala Regional Referral Hospital, Mwananyamala, Tanzania

62.17. Virtual Reality Simulation for Residents: A Trainee Experience in Damage Control Endovascular Skills.

W. Teeter¹, M. L. Brenner^{1,2}, M. R. Hoehn², D. S. Stein¹, T. Scalea¹ ¹University Of Maryland, Division Of Trauma And Critical Care, Baltimore, MD, USA ²University Of Maryland, Division Of Vascular Surgery, Baltimore, MD, USA

62.18. Surgical Resident Experience with Ethical Controversy.

M. P. Kuncewitch¹, J. M. Nicastro¹, G. F. Coppa¹, W. Doscher¹ ¹North Shore University And Long Island Jewish Medical Center, Surgery, Manhasset, NY, USA

62.19. Does Operative Case Volume Affect Surgery In-Training Exam Scores?.

C. S. Schoolfield¹, G. Nightengale¹, R. H. Kim¹, N. Samra¹, Q. Chu¹, W. W. Zhang¹, T. Tan¹ ¹Louisiana State University Health Sciences Center, Shreveport, LA, USA

62.20. Challenges of Investigating a Learning Curve: Institutional Experience with High Resolution Anoscopy.

A. Najafian¹, E. B. Schneider¹, E. C. Wick², J. K. Canner¹, J. Wolf², S. H. Fang² ¹Johns Hopkins University School Of Medicine, Johns Hopkins Surgery Center For Outcomes Research/ Department Of Surgery, Baltimore, MD, USA ²Johns Hopkins University School Of Medicine, Division Of Colorectal Surgery/Department Of Surgery, Baltimore, MD, USA

1:30PM - 3:30PM

Integrated Quick Shot Sessions II

63. OUTCOMES/CLINICAL: CROSS DISCIPLINARY – ENDOCRINE/PEDIATRICS

CITY TERRACE 6

MODERATORS: Randall Scheri, MD & Tracy S. Wang, MD, MPH

63.01. *JSS ABSTRACT: The consensus and controversial points of new IPMN guideline. H. Ito¹, T. Ochiai¹, S. Matsumura¹, Y. Mitsunori¹, A. Aihara¹, D. Ban¹, A. Kudo¹, M. Tanabe¹ ¹Tokyo Medical And Dental University, Heptobiliary And Pancreatic Surgery, Bunkyo-ku, Tokyo, Japan

63.02. Should Vitamin D Deficiency be Corrected Prior to Parathyroidectomy?. R. W. Randle¹, C. J. Balentine¹, E. Wendt¹, D. F. Schneider¹, H. Chen², R. S. Sippel¹ ¹University Of Wisconsin, Department Of Surgery, Madison, WI, USA ²University Of Alabama, Department Of Surgery, Birmingham, Alabama, USA

63.03. Intraoperative Parathyroid Hormone Level: Factors Affecting the Drop . B. D. Graffree¹, R. Martin¹, A. Quillo¹ ¹University Of Louisville School Of Medicine, Surgical Oncology/Surgery/Medicine, Louisville, KY, USA

63.04. Encapsulated FVPTC: Are these Tumors Really Benign? Z. Aburjania³, D. Elfenbein⁴, E. Weinlander⁴, C. Montemayor⁵, R. Lloyd⁵, D. Schneider¹, R. Sippel⁴, H. Chen³ ³University Of Alabama, Department Of Surgery, Birmingham, Alabama, USA ⁴University Of Wisconsin, Department Of Surgery, Madison, WI, USA ⁵University Of Wisconsin, Pathology, Madison, WI, USA

63.05. The Return of the Bilateral Neck Exploration for the Treatment of Primary Hyperparathyroidism. B. De Rienzo-Madero¹, C. Toledo-Toral¹, G. Kraus-Fischer¹, D. Kajomovitz-Bialostozky¹, E. Luque¹, E. Moreno¹, M. Muñoz¹, F. Cordera², R. Arrangoiz² ¹Centro Médico ABC, General Surgery, México, D.F., México ²Centro Médico ABC, Surgical Oncology, México, D.F., Mexico

63.06. Complications Following Pediatric Thyroidectomy are Rare at a High Volume Center . T. M. MADKHALI¹, A. I. Salem¹, D. F. Schneider¹, R. S. Sippel¹, H. Chen^{1,2} ¹University Of Wisconsin-Hospital & Clinics, Endocrine Surgery, Madison, WI, USA ²University Of Alabama, Surgery, Birmingham, Alabama, USA

63.07. Surgical Approaches to Achalasia in Children Undergoing Esophagegomyotomy: An IPEG Survey. J. Gould¹, R. Rentea¹, S. St. Peter¹ ¹Children's Mercy Hospital-University Of Missouri Kansas City, Pediatric Surgery, Kansas City, MO, USA

63.08. Pancreaticoduodenectomy Outcomes in the Pediatric, Adolescent, and Young Adult Population . S. A. Mansfield¹, J. P. Walker², J. H. Aldrink³ ¹Ohio State University, Department Of General Surgery, Columbus, OH, USA ²Ohio State University, Division Of Gastroenterology, Hepatology And Nutrition, Columbus, OH, USA ³Nationwide Children's Hospital, Division Of Pediatric Surgery, Columbus, OH, USA

63.09. Successful Non-operative Management of Esophageal Perforations in the Newborn. E. A. Onwuka¹, P. Saadai¹, L. A. Boomer², B. C. Nwomeh¹ ¹Nationwide Children's Hospital, Pediatric Surgery, Columbus, OH, USA ²LeBonheur Children's Hospital, Pediatric Surgery, Memphis, TN, USA

63.10. Low Rates of VACTERL Screening in Children with Anorectal Malformations. V. A. Lane^{1,2}, E. J. Ambeba¹, J. N. Cooper¹, D. L. Lodwick¹, M. A. Levitt^{2,4}, D. J. Chisolm^{3,5,6}, R. J. Wood², P. C. Minneci¹, K. J. Deans¹ ¹Nationwide Children's Hospital, Center For Surgical Outcomes Research, Columbus, OH, USA ²Nationwide Children's Hospital, Center For Colorectal And Pelvic Reconstruction, Columbus, OH, USA ³Nationwide Children's Hospital, Pediatrics And Public Health, Columbus, OH, USA ⁴Ohio State University, Surgery, Columbus, OH, USA ⁵Ohio State University, Pediatrics, Columbus, OH, USA ⁶Ohio State University, Public Health, Columbus, OH, USA

63.11. The Management and Outcomes of Cervical Neuroblastic Tumors. J. R. Jackson¹, H. Tran², J. Stein¹, H. Shimada⁴, A. M. Patel³, A. Marachelian², E. S. Kim¹ ³Children's Hospital Los Angeles, Otolaryngology, Los Angeles, CA, USA ⁴Children's Hospital Los Angeles, Pathology, Los Angeles, CA, USA ¹Children's Hospital Los Angeles, Pediatric Surgery, Los Angeles, CA, USA ²Children's Hospital Los Angeles, Hematology/Oncology, Los Angeles, CA, USA

63.12. Pediatric Surgical Specialists Are Unaware if Out-of-pocket Cost Influenced Preoperative Decisions. H. Jen¹, C. Calkins², R. Dasgupta³, S. Shah⁴, S. Safford⁵, I. Bernstein⁶, M. Langham⁷, L. Chen⁸ ¹Tufts Medical Center, Boston, MA, USA ²Medical College Of Wisconsin, Milwaukee, WI, USA ³Cincinnati Children's Hospital Medical Center, Cincinnati, OH, USA ⁴Children's Mercy Hospital - University Of Missouri Kansas City, Kansas City, MO, USA ⁵Virginia Tech Carilion Clinic Children's Hospital, Roanoke, VA, USA ⁶University Of Texas Southwestern Medical Center, Dallas, TX, USA ⁷University Of Tennessee Health Science Center, Memphis, TN, USA ⁸Baylor University Medical Center, Dallas, TX, USA ⁹American Academy Of Pediatrics Section On Surgery Committee On Delivery Of Surgical Care, USA

63.13. An Evaluation of eHealth Utilization in Pediatric Surgery – What is the Parent's Perspective?. A. Eguia², B. Freemyer², D. Pham², E. Hamilton², K. Tsao², M. Austin^{1,2} ¹University Of Texas MD Anderson Cancer Center, Houston, TX, USA ²University Of Texas Health Science Center At Houston, Houston, TX, USA

63.14. Rethink Pediatric Nuclear Scans: Cost and Radiation Exposure of DMSA Scans in Children. M. Wang¹, J. Michaud¹, N. Gupta¹, T. Bosemani¹, M. Wang¹ ¹Johns Hopkins, Urology, Baltimore, MD, USA

63.15. Chest radiograph after fluoroscopic guided line placement: no longer necessary . B. G. Dalton¹, K. W. Gonzalez¹, M. C. Keirse¹, D. C. Rivard¹, S. D. St. Peter¹ ¹Children's Mercy Hospital-University Of Missouri Kansas City, Kansas City, MO, USA

63.16. Adverse Events and Quality Control Measures in the Intra-Hospital Transfer of Pediatric Patients. I. Khurana¹, A. G. Antunez¹, K. M. Zalewski¹, K. Marchetti¹, G. C. Ives¹, S. K. Gade-palli¹ ¹University Of Michigan, Pediatric Surgery, Ann Arbor, MI, USA

63.18. Predictors of Central Venous Line Infection Salvage in Patients with Intestinal Failure. K. D. Nadendla¹, M. Shroyer¹, L. Wilkinson¹, R. Dimmitt², D. Galloway², C. A. Martin¹ ¹University Of Alabama at Birmingham, Pediatric Surgery/Surgery, Birmingham, Alabama, USA ²University Of Alabama at Birmingham, Gastroenterology/Pediatrics, Birmingham, Alabama, USA

63.19. The Epidemiology of Supracondylar Elbow Fractures in Children.. J. M. Rinaldi¹, M. D. Hatch², W. L. Henrikus² ¹Penn State Hershey Medical Center, College Of Medicine, Hershey, PA, USA ²Penn State Hershey Medical Center, Department Of Orthopaedics, Hershey, PA, USA

63.20. Straddle Injury Management in Female Pediatric Patients: a One Year Retrospective Review. S. Dadjo¹, J. C. Hakim², M. L. Peterson¹, P. I. Abbas¹, M. E. Lopez¹, M. L. Brandt¹, J. E. Dietrich² ¹Texas Children's Hospital, The Michael E. DeBakey Department Of Surgery, Baylor College Of Medicine, Houston, TX, USA ²Texas Children's Hospital, Department Of Obstetrics And Gynecology, Baylor College Of Medicine, Houston, TX, USA

63.21. Time to CT scan for major trauma activation in pediatric population. A. Desai¹, H. Alemayehu¹, K. Savoie³, R. Barker³, R. F. Williams³, S. Turner², B. Tjaden², J. Howard², P. Aguayo¹ ¹Children's Mercy Hospital, Surgery, Kansas City, MO, USA ²University Of Kansas Medical Center, Surgery, Kansas City, KS, USA ³University Of Tennessee Health Science Center, Memphis, TN, USA

TUESDAY

WEDNESDAY

THURSDAY

64. OUTCOMES/CLINICAL: CROSS DISCIPLINARY – ETHICS/BIOETHICS, HEALTH POLICY, COST EFFECTIVENESS AND CLINICAL TRIALS

CITY TERRACE 7

MODERATORS: Dorry Segev, MD, PhD & Faisal G. Qureshi, MD

- 64.01. The Medicare Value-Based Purchasing Program Ranks Hospitals by Total Performance Score.** A. Ramirez¹, G. Stukenborg¹, B. Turrentine¹, R. Jones¹ ¹University Of Virginia, Charlottesville, VA, USA
- 64.02. Pediatric Appendicitis: Is Referral to a Regional Pediatric Center Necessary?.** M. M. Hodges¹, S. N. Acker², E. E. Moore³, A. Schubert⁴, L. R. Hill², D. A. Partrick², D. Bensard^{2,3} ¹University Of Colorado Denver, Laboratory For Fetal And Reproductive Biology, Division Of Pediatric Surgery, Department Of General Surgery, Aurora, CO, USA ²Children's Hospital Colorado, Department Of Pediatric Surgery, University Of Colorado School Of Medicine, Aurora, CO, USA ³Denver Health Medical Center, Department Of General Surgery, Aurora, CO, USA ⁴University Of Colorado Denver, Anschutz Medical Campus, Aurora, CO, USA
- 64.03. Evidence Based Medicine: The Low Hanging Fruit of Lean Healthcare Implementation.** J. T. Langell¹, J. T. Langell¹ ¹University Of Utah, Department Of Surgery, Salt Lake City, UT, USA
- 64.04. How Much Does it Cost? Monetary Implications of Blunt Splenic Injury Management.** O. A. Olufajo^{1,2}, Y. Wang², W. Jiang², J. Leow², Z. Cooper^{1,2}, J. M. Havens^{1,2}, R. Askari^{1,2}, A. H. Haider^{1,2}, J. D. Gates¹, A. Salim^{1,2}, E. Kelly¹ ¹Brigham And Women's Hospital, Division Of Trauma, Burn And Surgical Critical Care, Department Of Surgery, Boston, MA, USA ²Brigham And Women's Hospital, Center For Surgery And Public Health, Boston, MA, USA
- 64.05. A Public Health Perspective: How Often Does Optimal Care Begin Prior to the Surgical Admission? .** R. L. Hoffman¹, K. T. Collier¹, J. Tong¹, S. Dasani¹, G. C. Karakousis¹, R. R. Kelz¹ ¹University Of Pennsylvania, Philadelphia, PA, USA
- 64.06. The Use and Quality of Cost-Utility Analysis in Surgical Research from 1990-2013.** A. Benedict¹, M. Chenoweth¹, H. Jen¹ ¹Tufts Medical Center, Boston, MA, USA
- 64.07. Surgeon-Patient Communication during Awake Procedures.** K. Guyton¹, C. Smith², A. Langerman¹, N. Schindler^{1,3} ¹University of Chicago, Surgery, Chicago, IL, USA ²University of Chicago, Pritzker School of Medicine, Chicago, IL, USA ³Northshore University Health System, Surgery, Evanston, IL, USA
- 64.08. A Pilot Surgical Ethics Curriculum for General Surgery Residents.** P. Singh¹, M. D. Sur¹, B. A. Shakhsher¹, P. Angelos¹ ¹University Of Chicago, Surgery, Chicago, IL, USA
- 64.09. Improved Surgeon First Case On Time Starts Enhance OR efficiency and Cost Savings.** A. J. Douglas², R. Shoff², G. D. Kennedy², C. P. Heise² ²University Of Wisconsin, School Of Medicine And Public Health, Madison, WI, USA
- 64.10. Telemedicine to Assess Ileostomy Output: A Feasibility Trial.** B. Bednarski¹, M. Katz¹, J. Papadopoulos², N. You¹, M. Rodriguez-Bigas¹, J. Skibber¹, S. Matin², G. Chang¹ ¹University Of Texas MD Anderson Cancer Center, Surgical Oncology, Houston, TX, USA ²University Of Texas MD Anderson Cancer Center, Urology, Houston, TX, USA
- 64.11. Efficiency Interventions Improve Staff Satisfaction with Operating Room Turnover Times.** A. J. Douglas², B. Pankratz², J. Fenne², R. I. Shoff², C. P. Heise² ²University Of Wisconsin, School Of Medicine And Public Health, Madison, WI, USA
- 64.12. Early Attending Surgeon Presence in the OR Suite Increases OR Efficiency.** A. Clark¹, J. L. Rabaglia¹, A. P. Dackiw¹, W. D. White¹, F. Nwariaku¹, S. A. Holt¹, S. C. Oltmann¹ ¹University Of Texas Southwestern Medical Center, Dallas, TX, USA
- 64.13. Analysis of Retracted Articles in the Surgical Literature.** E.G. King¹, I. Oransky², T.E. Sachs¹, D.B. Flynn³, A. Farber¹, J.A. Kalish¹, B. M. Krafcik¹, J.J. Siracuse¹ ¹Boston University School of Medicine, Dept of Surgery, Boston, MA, USA ²The Center For Scientific Integrity and New York University Arthur L. Carter Institute, New York, NY, USA ³Boston University, Alumni Medical Library, Boston, MA, USA
- 64.14. Monitoring Surgery and Anesthesia: A Global Drive for Better Data.** J. S. Ng-Kamstra^{1,2,3}, N. P. Raykar^{1,2,4}, S. Mukhopadhyay^{1,2,5}, R. R. Yorlets², G. Anderson^{1,2,6}, S. Saluja^{1,2,7}, G. Toma^{1,2}, A. Silverstein^{1,2,8}, B. B. Massenburg^{1,2,9}, E. Bruno^{1,2,10}, H. E. Jenny^{1,2,9}, I. H. Marks^{1,2,11}, L. Ilcisin^{1,2,12}, R. Sood^{1,2,8}, S. Sharma^{1,2}, J. G. Meara^{1,2}, M. G. Shrive^{1,2,13} ¹Harvard Medical School, Dept Of Global Health And Social Medicine, Boston, MA, USA ²Boston Children's Hospital, Dept Of Plastic And Oral Surgery, Boston, MA, USA ³University Of Toronto, Division Of General Surgery, Toronto, ON, Canada ⁴Beth Israel Deaconess Medical Center, Dept Of Surgery, Boston, MA, USA ⁵University Of Connecticut Integrated Residency Programs, Dept Of Surgery, Storrs, CT, USA ⁶Massachusetts General Hospital, Dept Of Surgery, Boston, MA, USA ⁷Weill Cornell Medical College, Dept Of Surgery, New York, NY, USA ⁸University Of Miami Miller School Of Medicine, Miami, FL, USA ⁹Icahn School Of Medicine At Mount Sinai, Department Of Medical Education, New York, NY, USA ¹⁰University Of Tennessee Health Science Center College Of Medicine, Memphis, TN, USA ¹¹Barts And The London School Of Medicine And Dentistry, London, England, United Kingdom ¹²Harvard Medical School, Department Of Medical Education, Boston, MA, USA ¹³Massachusetts Eye And Ear Infirmary, Dept Of Otolaryngology And Laryngology And Office Of Global Surgery, Boston, MA, USA
- 64.15. Does Gender of Admitting Trauma Surgeon Impact Patient Outcomes?** P. P. Patel¹, J. C. Kubasiak¹, F. Bokari¹, A. J. Dennis¹, K. T. Joseph¹, F. L. Starr¹, D. E. Wiley¹, K. K. Nagy¹ ¹John H. Stroger, Jr. Hospital Of Cook County, Trauma, Chicago, IL, USA
- 64.16. Management and prognosis of elderly breast cancer in Japan, retrospective cohort study.** A. Yamada¹, K. Narui¹, S. Adachi¹, H. Shima², K. Kida², S. Sugae², M. Tanabe³, Y. Ichikawa⁴, K. Takabe⁵, T. Ishikawa⁶, I. Endo² ¹Yokohama City University Medical Center, Breast And Thyroid Surgery, Yokohama, Kanagawa, Japan ²Yokohama City University Graduate School Of Medicine, Gastroenterological Surgery, Yokohama, Kanagawa, Japan ³Yokohama City University Medical Center, Pathology, Yokohama, Kanagawa, Japan ⁴Yokohama City University Graduate School Of Medicine, Oncology, Yokohama, Kanagawa, Japan ⁵Virginia Commonwealth University, Surgical Oncology, Richmond, VA, USA ⁶Tokyo Medical University Hospital, Breast Surgery, Shinjuku, Tokyo, Japan
- 64.17. Post-operative Non-ICU Admission Following Robotic Pancreaticoduodenectomy is Safe and Reduces Cost.** K. E. Cunningham², M. S. Zenati², J. Petrie³, J. Steve², M. E. Hogg², H. J. Zeh², A. H. Zureikat² ²University Of Pittsburgh Medical Center, Surgical Oncology, Pittsburgh, PA, USA ³University Of Pittsburgh Medical Center, Finance, Pittsburgh, PA, USA
- 64.18. Postoperative Functional Decline in Older Adults.** J. R. Berian^{1,2}, K. Y. Bilimoria^{1,3}, C. Y. Ko^{1,5}, T. N. Robinson⁴, R. A. Rosenthal⁶ ¹American College Of Surgeons, Division Of Research And Optimal Patient Care, Chicago, IL, USA ²University Of Chicago, Dept Of Surgery, Chicago, IL, USA ³Northwestern University, Dept Of Surgery, Chicago, IL, USA ⁴University Of Colorado Denver, Dept Of Surgery, Denver, CO, USA ⁵University Of California - Los Angeles, Dept Of Surgery, Los Angeles, CA, USA ⁶Yale University School Of Medicine, Department Of Surgery, New Haven, CT, USA
- 64.20. Safety of Prone Jackknife Position in Ambulatory Anorectal Surgery.** F. Cheema¹, S. Lee¹, M. Zebrower², J. L. Poggio¹ ¹Drexel University College Of Medicine, Department Of Surgery, Philadelphia, PA, USA ²Drexel University College Of Medicine, Department Of Anesthesiology & Perioperative Medicine, Philadelphia, PA, USA
- 64.21. Simulating the Operating Room as a Transition to Surgical Internship.** Z. J. Ahola¹, C. W. Lee¹, S. Agarwal¹, H. Jung¹, A. O'Rourke¹, A. Liepert¹ ¹University Of Wisconsin, Department Of Surgery, Madison, WI, USA

TUESDAY

WEDNESDAY

THURSDAY

1:30PM - 3:30PM

Integrated Quick Shot Sessions II

65. OUTCOMES/CLINICAL: CROSS DISCIPLINARY - PATIENT CENTERED OUTCOMES AND HEALTH INFORMATICS CITY TERRACE 8

MODERATORS: Brandyn Lau, MPH, CHP & Heather Yeo, BSFS, MD

65.01. One-Sided Conversations: Prevalence of Communication Disabilities in the Adult Surgical Population. W. A. Davis¹, B. Smalls¹, A. Haider¹, M. Morris¹ ¹Brigham And Women's Hospital, Center For Surgery And Public Health, Department Of Surgery, Boston, MA, USA

65.02. Trends of Inpatient Surgeries in Pediatric Inflammatory Bowel Disease Patients in the United States. A. L. Stokes¹, C. Hollenbeak¹, T. Falaiye¹ ¹Penn State Hershey Medical Center, Hershey, PA, USA

65.03. Extremes of Age Predict Readmission Following Elective Colorectal Surgery. L. Theiss¹, L. Goss¹, D. I. Chu¹, M. Morris¹ ¹University Of Alabama At Birmingham, Department Of Surgery, Birmingham, Alabama, USA

65.04. Leucocyte Filtered Blood Transfusions are Associated with Decreased Postoperative Infections. S. Kwon³, R. S. Chamberlain^{1,2,3} ¹Saint Barnabas Medical Center, Surgery, Livingston, NJ, USA ²New Jersey Medical School, Surgery, Newark, NJ, USA ³St. George's University School Of Medicine, St. George's, St. George's, Grenada

65.05. Overcoming the Weekend Effect: Impact of Electronic Medical Record System and Vendor Functionality. A. N. Kothari^{1,3}, R. H. Blackwell³, R. M. Yau³, V. Chang^{2,3}, M. A. Zap^{2,3}, T. Markossian², G. N. Gupta³, P. C. Kuo^{1,3} ¹Loyola University Medical Center, Department Of Surgery, Maywood, IL, USA ²Loyola University Chicago Stritch School Of Medicine, Maywood, IL, USA ³Loyola Department Of Surgery, 1:MAP Analytics Group, Maywood, IL, USA ⁴DePaul University, College Of Computing And Digital Media, Chicago, IL, USA

65.06. As Safe as We Claim? A Population Based Analysis of Pyloromyotomy Outcomes in California. C. M. Kelleher^{1,2}, P. T. Masiakos^{1,2}, D. C. Chang^{2,3} ¹Massachusetts General Hospital, Pediatric Surgery, Boston, MA, USA ²Harvard School Of Medicine, Brookline, MA, USA ³Massachusetts General Hospital, Surgery, Boston, MA, USA

65.07. The Impact of Index Hospital Costs on Readmission Among Patients Undergoing Major Abdominal Surgery. A. Ejaz¹, A. A. Gonzalez¹, F. Gani², T. M. Pawlik² ¹University Of Illinois At Chicago, Surgery, Chicago, IL, USA ²Johns Hopkins University School Of Medicine, Surgery, Baltimore, MD, USA

65.08. Does bariatric surgery alter breast cancer treatment? A. Ardestani¹, E. Pranckevicius¹, M. Golshan¹, A. Tavakkoli¹, E. Sheu¹ ¹Brigham And Women's Hospital, Department Of Surgery/General/GI Division, Boston, MA, USA

65.09. Outcomes After Discharge From The Surgical Intensive Care Unit to Long Term Acute Care Hospitals. T. S. Jones¹, A. Bhakta¹, E. L. Jones¹, M. Nguyen¹, M. Lyaker¹, C. Byrd¹, D. S. Eiferman¹ ¹The Ohio State University, Columbus, OH, USA

65.10. Central Pain Processing and Treatment Response in Anterior Cutaneous Nerve Entrapment Syndrome. D. Van Rijckevorsel¹, O. Boelens², R. Roumen^{3,6}, O. Wilder-Smith^{4,5}, H. Van Goor¹ ¹Radboud University Medical Center, Department Of Surgery, Nijmegen, Netherlands ²Maasziekenhuis Pantein, Department Of Surgery, Boxmeer, Netherlands ³Máxima Medical Center, Department Of Surgery, Veldhoven, Netherlands ⁴Radboud University Medical Center, Department Of Anesthesiology, Pain And Palliative Medicine, Nijmegen, Netherlands ⁵Aalborg University, Center For Sensory-Motor Interaction, Aalborg, Denmark

65.12. How do Surgical Providers use Social Media? A Mixed-Methods Analysis using Twitter. N. Nagarajan¹, B. J. Smart², M. Dredze³, J. L. Lee⁵, J. Taylor¹, J. A. Myers², E. B. Schneider¹, Z. D. Berger⁴, J. K. Canner¹ ¹Johns Hopkins University School Of Medicine, Department Of Surgery, Baltimore, MD, USA ²Rush University Medical Center, Department Of Surgery, Chicago, IL, USA ³Johns Hopkins University School Of Medicine, Department Of Computer Science, Baltimore, MD, USA ⁴Johns Hopkins University School Of Medicine, Department Of General Internal Medicine, Baltimore, MD, USA ⁵Johns Hopkins Bloomberg School Of Public Health, Baltimore, MD, USA

65.13. Patient perspectives about follow-up care and weight regain following sleeve gastrectomy. M. Lauti¹, S. Stevenson¹, A. G. Hill¹, A. D. MacCormick¹ ¹University Of Auckland, Department Of Surgery, Auckland, New Zealand

65.14. Post-Operative Costs to the Elderly Following Emergency Surgery; a Prospective Cost Analysis. G. J. Eamer¹, L. M. Warkentin¹, T. Churchill¹, F. Clement², R. G. Khadaroo¹ ¹University Of Alberta, Department Of Surgery, Edmonton, AB, Canada ²University Of Calgary, O'Brien Institute For Public Health, Calgary, AB, Canada

65.15. Limitations of the ACS NSQIP in Intracranial Aneurysm Management. H. Hong¹, R. R. Kelz², M. J. Smith¹ ¹University Of Pennsylvania, Neurosurgery, Philadelphia, PA, USA ²University Of Pennsylvania, Surgery, Philadelphia, PA, USA

65.16. Readmission Rates Following Lower Extremity Bypass Vary Significantly Based on Surgical Indication. C. Jones¹, A. Gullick¹, D. I. Chu¹, B. Pearce¹, M. Morris¹ ¹University Of Alabama - Birmingham, Department Of Surgery, Birmingham, AL, USA

65.17. Effect of Cardiovascular Risk Factors on Microembolization Rates During Carotid Revascularization. C. E. Pina¹, J. Li¹, B. Rawal¹, C. Giannarelli², C. Faries¹, V. Mani³, A. Vouyouka¹, P. Krishnan², R. Tadros¹, J. Badimon², Z. A. Fayad³, M. L. Marin¹, J. Wiley², P. L. Faries¹ ¹Icahn School Of Medicine At Mount Sinai, Vascular Surgery, New York, NY, USA ²Icahn School Of Medicine At Mount Sinai, Cardiovascular Research Institute, New York, NY, USA ³Icahn School Of Medicine At Mount Sinai, Translational And Molecular Imaging Institute, New York, NY, USA

65.18. Relevance of Multidisciplinary Colorectal Tumor Board - A Prospective Study. A. Sasidharan¹, K. Trencheva¹, C. Merchant¹, J. W. Millsom¹, P. J. Shukla¹ ¹Weill Cornell Medical College, Colorectal Surgery, New York, NY, USA

65.19. TIMING OF VENOUS THROMBOEMBOLISM PROPHYLAXIS AFTER TRAUMATIC BRAIN INJURY: A SURVEY OF EAST MEMBERS. B. STROLLO¹, G. Bennett¹, M. Chopko¹, W. A. Guo¹ ¹State University Of New York At Buffalo, Surgery, Buffalo, NY, USA

65.20. Not All Massive Transfusions Are Created Equal: Characterizing Variable Transfusion Trajectories. E. W. Etchill¹, M. C. Vespe², A. Hassoune⁴, J. L. Correa Lopez³, M. R. Rosengart¹, A. B. Peitzman¹, M. D. Neal¹ ¹University Of Pittsburgh School Of Medicine, Surgery, Pittsburgh, PA, USA ²Carnegie Mellon University, Statistics Pittsburgh, PA, USA ³Universidad de Caldas, Surgery, Manizales, Caldas, Colombia ⁴American University Of Beirut, Surgery, Beirut, Lebanon

65.21. Motorcycle Riders Versus Passengers: Who Suffers More? T. Soleimani¹, T. A. Evans¹, S. I. Fernandez¹, L. Spera¹, R. Sood¹, B. L. Zarzaur¹, S. S. Tholpad¹ ¹Indiana University School Of Medicine, Division Of Plastic Surgery, Indianapolis, IN, USA

TUESDAY

WEDNESDAY

THURSDAY

MODERATORS: Tze-Woei Tan, MBBS & Jacob Greenberg, MD, EdM

- 66.01. *JSS ABSTRACT: Evaluation of POSSUM score for predicting morbidity after hepatectomy for hepatocellular carcinoma.** K. Akahoshi¹, T. Ochiai¹, H. Ito¹, S. Matsumura¹, Y. Mitsunori¹, A. Aihara¹, D. Ban¹, A. Kudo¹, S. Tanaka¹, M. Tanabe¹ ¹Tokyo Medical And Dental University, Bunkyo-ku, Tokyo, Japan
- 66.02. *JSS ABSTRACT: Is papillectomy for early ampullary carcinoma justified? - Analysis of 65 resected cases.** T. Ochiai¹, T. Miura², S. Tanaka¹, S. Yamazaki², A. Kudo¹, N. Noguchi², T. Irie², D. Ban¹, A. Aihara¹, S. Matsumura¹, Y. Mitsunori¹, H. Ito¹, K. Akahoshi¹, M. Tanabe¹ ¹Tokyo Medical And Dental University, Bunkyo-ku, Tokyo, Japan ²Ohta Nishinouchi General Hospital, Koriyama, Fukushima, Japan
- 66.03. Predictors and Outcomes of Operations Performed on Young Adults at Free-Standing Children's Hospitals.** C. A. Gutierrez¹, P. P. Chiu², R. Dasgupta³, H. C. Jen⁴, D. H. Rothstein^{1,5} ¹State University Of New York At Buffalo, Department Of Surgery, Buffalo, NY, USA ²Hospital For Sick Children, Department Of Surgery, Toronto, Ontario, Canada ³Cincinnati Children's Hospital Medical Center, Department Of Surgery, Cincinnati, OH, USA ⁴Tufts Medical Center, Floating Hospital For Children, Boston, MA, USA ⁵Women And Children's Hospital Of Buffalo, Of Surgery, Buffalo, NY, USA
- 66.04. Frailty and Indication Alter Outcomes of Colorectal Surgery.** E. A. Busch², S. Koller², M. M. Philp², H. Ross², H. A. Pitt^{1,2} ¹Temple University, Temple University Health System, Philadelphia, PA, USA ²Temple University, Temple University School Of Medicine, Philadelphia, PA, USA
- 66.05. Predictors of Inguinodynia Following Open Inguinal Herniorrhaphy.** P. M. Patel¹, A. Mokdad¹, T. Pham^{1,2}, S. Huerta^{1,2} ¹University Of Texas Southwestern Medical Center, Dallas, TX, USA ²VA North Texas Health Care System, Surgery, Dallas, TX, USA
- 66.07. Impact of Resident Involvement in Whipple Procedures; An Analysis of 7,605 Cases.** K. L. Haines¹, C. D. Goldman¹, J. Franko¹ ¹Mercy Medical Center, Surgery, Des Moines, IA, USA
- 66.08. Do inter-hospital transfers for soft tissue infection improve care or outcomes?.** J. C. Chen¹, E. Finlayson², K. F. Rhoads¹ ¹Stanford University, Surgery, Palo Alto, CA, USA ²University Of California - San Francisco, Surgery, San Francisco, CA, USA
- 66.09. Pneumonia is Associated with a High Risk of Death Following Pancreaticoduodenectomy .** R. T. Nagle¹, H. Lavu¹, E. L. Rosato¹, C. J. Yeo¹, J. M. Winter¹ ¹Thomas Jefferson University, Department Of Surgery, Philadelphia, PA, USA
- 66.10. Changing Risk Factors For Pediatric Cholecystectomy.** Y. Puckett¹, K. Chatoorgoon¹, C. Fitzpatrick¹, D. Vane¹, J. Greenspon¹ ¹Saint Louis University School Of Medicine, Pediatric Surgery, St. Louis, MO, USA
- 66.11. The i2b2 Cohort Discovery Tool Outperforms a Prospectively Maintained Internal Database.** E. Toy¹, C. Y. Peterson¹, K. A. Ludwig¹, T. J. Ridolfi¹ ¹Medical College Of Wisconsin, Department Of Surgery - Division Of Colorectal Surgery, Milwaukee, WI, USA
- 66.12. Utility of Post-Reduction Hospital Admission for Intussusception in Pediatric Population.** Y. Puckett¹, J. Greenspon¹, C. Fitzpatrick¹, D. Vane¹, S. Bansal¹, M. Rice¹, K. Chatoorgoon¹ ¹Saint Louis University School Of Medicine, Pediatric Surgery, St. Louis, MO, USA
- 66.13. International Trends in Incidence Rates of Thyroid Cancer from 1973-2007.** B. C. James¹, R. H. Grogan², E. L. Kaplan², P. Angelos², B. Aschebrook-Kilfoy³ ¹Indiana University, Endocrine Surgery/Surgery/Indiana University, Indianapolis, IN, USA ²University Of Chicago, Endocrine Surgery/Surgery/University Of Chicago, Chicago, IL, USA ³University Of Chicago, Department Of Public Health Sciences, Chicago, IL, USA
- 66.14. Preoperative Comorbidity Associated with Postoperative Complications Following Ventral Hernia Repair.** R. Conway¹, M. Zhao³, Y. Zeng², J. Keith¹ ¹University Of Iowa Hospitals & Clinics, Department Of General Surgery, Iowa City, IA, USA ²University Of Iowa, Department Of Biostatistics, Iowa City, IA, USA ³University Of Iowa, Carver College Of Medicine, Iowa City, IA, USA
- 66.15. Falls From Heights: Children Fare Better Than Adults.** J. L. Carpenter¹, T. L. Wiebe¹, J. R. Rodriguez¹, B. J. Naik¹ ¹Texas Children's Hospital, Division Of Pediatric Surgery, Department Of Surgery, Houston, TX, USA
- 66.16. Outcomes of Surgical Management of Acute Perforated Ulcer Disease in the NSQIP Database 2005 to 2013.** J. Biggs¹, S. Barnes¹, S. Osterlind¹, E. Dalton¹, L. Hanley¹, S. Ahmad¹ ¹University Of Missouri, Surgery, Columbia, MO, USA
- 66.17. Assessing the Critical Factors of SBAR as used in General Surgery Handoffs.** H. J. Hawthorne¹, T. N. Cohen¹, W. D. Cammon¹, J. Bingener², S. Hallbeck¹, J. Kang³, P. Santrach⁴, S. A. Elliott⁵, R. C. Blocker¹ ¹Mayo Clinic, Center For The Science Of Health Care Delivery, Rochester, MN, USA ²Mayo Clinic, Department Of Surgery, Rochester, MN, USA ³Mayo Clinic, Office Of Leadership And Organization Development, Rochester, MN, USA ⁴Mayo Clinic, College Of Medicine, Rochester, MN, USA ⁵Mayo Clinic, Department Of Nursing, Rochester, MN, USA
- 66.18. Colectomy in Michigan: the Relationship Between Surgical Site and Urinary Tract Infection.** J. E. Papin IV^{1,2}, K. H. Sheetz¹, D. A. Campbell^{1,2}, M. J. Englesbe^{1,2} ¹University Of Michigan, Department Of Surgery, Ann Arbor, MI, USA ²Michigan Surgical Quality Collaborative, Ann Arbor, MI, USA
- 66.19. Predicting Wound Complications with Preoperative CT Scans.** R. J. Strobel¹, C. S. Lee¹, J. F. Friedman¹, D. R. Grenda¹, C. W. Inglis¹, B. A. Derstine¹, S. M. Bahroloomi¹, A. M. Hammoud¹, K. C. Leary¹, A. R. Peltier¹, S. C. Wang¹, M. J. Englesbe¹ ¹University Of Michigan, Department Of Surgery, Michigan Morphomic Analysis Group, Ann Arbor, MI, USA
- 66.20. Comparing CT versus Diagnostic Laparoscopy in Suspected Anastomotic Leaks.** J. K. Horwitz¹, D. T. Huynh¹, T. F. Barrett¹, V. S. Tung¹, C. M. Divino¹ ¹Mount Sinai School Of Medicine, Department Of Surgery, New York, NY, USA

1:30PM - 3:30PM

Integrated Quick Shot Sessions II

67. OUTCOMES/CLINICAL: GENERAL SURGERY 5

CITY TERRACE 10

MODERATORS: Juliane Bingener-Casey, MD & Mayur Narayan, MD

67.01. *JSS ABSTRACT: Size of recurrent laryngeal nerve affects vocal cord paralysis after thoracoscopic esophagectomy. Y. Saito¹, H. Takeuchi¹, K. Fukuda¹, R. Nakamura¹, T. Takahashi¹, N. Wada¹, H. Kawakubo¹, Y. Kitagawa¹ ¹Keio University, Department Of Surgery, Shinjuku-ku, Tokyo, Japan

67.02. The Perception of Diminished Surgical Outcomes Elderly Patients – Is it Really Age Related? S. Groene¹, C. Chandrasekera¹, T. Prasad¹, A. Lincourt¹, B. T. Heniford¹, V. Augenstein¹ ¹Carolinas Medical Center, Division Of Gastrointestinal And Minimally Invasive Surgery, Charlotte, NC, USA

67.03. Parathyroidectomy or Cinacalcet Therapy for Secondary Hyperparathyroidism in End-stage Renal Disease. Q. TAO¹, Z. Ji¹, Z. Zhu¹, R. Tang², B. Liu² ¹Affiliated Zhongda Hospital, Southeast University Medical School, General Surgery, Nanjing, Jiangsu, China ²Affiliated Zhongda Hospital, Southeast University Medical School, Nephrology, Nanjing, Jiangsu, China

67.04. Compliance with American Thyroid Association Guidelines for Total Thyroidectomy in Graves' Disease. S. T. Akram¹, D. M. Elfenbein², H. Chen³, D. F. Schneider¹, R. S. Sippel¹ ¹University Of Wisconsin School Of Medicine And Public Health, Department Of Surgery, Madison, WI, USA ²University Of California, Irvine School Of Medicine, Department Of Surgery, Irvine, CA, USA ³University Of Alabama - Birmingham School Of Medicine, Department Of Surgery, Birmingham, AL, USA

67.05. Early Laparoscopic Cholecystectomy for Acute Cholecystitis in the Elderly is Safe and Cost Effective. P. P. Patel¹, J. M. Velasco¹ ¹Northshore University Health System, Skokie, IL, USA

67.06. Extreme Obesity Increases Surgical Site Infections But Not Major Complications After Renal Surgery. M. A. Mann¹, M. Grimes¹, M. L. Blute¹, K. Zorn¹, T. M. Downs¹, S. L. Best¹, F. Shi¹, D. F. Jarrard¹, S. Y. Nakada¹, E. Abel¹ ¹University Of Wisconsin, Urology, Madison, WI, USA

67.07. Predicting Survival in the Separation of Conjoined Twins . D. K. Robie¹, D. K. Robie¹ ¹Mayo Clinic - Florida, Surgery, Jacksonville, FL, USA

67.08. Total thyroidectomy does not affect bodyweight. J. C. Lee^{1,2}, P. Chang¹, R. Glick¹, J. W. Serpell^{1,2}, S. Grodski¹ ¹Monash University, Endocrine Surgery Unit, The Alfred, Melbourne, VIC, Australia ²Monash University, Department Of Surgery, Melbourne, VIC, Australia

67.09. Crohns Disease: Comparing Outcomes Following Colorectal Surgery.. S. Groene¹, C. Chandrasekera¹, T. Prasad¹, A. Lincourt¹, B. T. Heniford¹, V. Augenstein¹ ¹Carolinas Medical Center, Division Of Gastrointestinal And Minimally Invasive Surgery, Charlotte, NC, USA

67.10. Outcomes Of Surgical Procedures In Patients Testing Positive For Cocaine On Urine Screening. U. Kannan², M. M. John², R. Gupta², S. B. Remersu², D. T. Farkas² ²Bronx-Lebanon Hospital Center, Surgery, Bronx, NY, USA

67.11. Seasonal Variation in Acute Cholecystitis: A Fourier Transform Analysis. Z. Fong¹, D. B. López¹, R. La Placa², G. Jin¹, K. D. Lillemoe¹, D. C. Chang¹ ¹Massachusetts General Hospital, Surgery, Boston, MA, USA ²Massachusetts Institute Of Technology, Department Of Physics, Cambridge, MA, USA

67.12. Impact of BMI on Operating Room Times and its Financial Implications. H. Hanif¹, F. Agullo^{1,2}, T. Yeager¹, G. Coleman¹, I. Mallawaarachchi¹, A. Nassiri¹, V. Molinar¹, A. Molinar², A. Tyroch¹, H. Palladino^{1,2} ¹Texas Tech University Health Sciences Center, Surgery And Biomedical Sciences, El Paso, TX, USA ²Southwest Plastic Surgery, El Paso, TX, USA

67.13. Frozen Section Analysis in the Post-Bethesda Era. T. M. Cotton¹, X. Jing¹, S. John¹, R. Lirov¹, B. Miller¹, M. Cohen¹, G. Paul¹, D. Hughes¹ ¹University Of Michigan, Ann Arbor, MI, USA

67.14. Revisional Bariatric Surgery in African Americans: Short Term Outcomes. J. S. Kendall¹, G. Ortega^{1,2}, K. Williams¹, K. Hughes¹, E. E. Cornwell¹, T. M. Fullum¹, D. D. Tran¹ ¹Howard University College Of Medicine, Washington, DC, USA ²Johns Hopkins University School Of Medicine, Baltimore, MD, USA

67.15. Short Term Outcomes of Abdominal and Colorectal Surgery in Patients with Heart Transplant. A. Asban¹, M. Traa¹, N. Melnitchouk² ¹Tufts Medical Center, Colorectal Surgery, Boston, MA, USA ²Brigham And Women's Hospital, Boston, MA, USA

67.16. Racial Disparities in Presentation and Management in Hyperthyroidism Patients Prior to Surgery. J. Kim¹, T. S. Wang¹, K. M. Doffek¹, A. A. Carr¹, D. B. Evans¹, T. W. Yen¹ ¹Medical College Of Wisconsin, Surgical Oncology, Milwaukee, WI, USA

67.17. Preoperative Selective Venous Sampling in Reoperative Parathyroid Surgery. S. Zaheer¹, D. Graham¹, L. Kuo¹, H. Wachtel¹, R. Roses¹, G. Karakousis¹, R. R. Kelz¹, D. L. Fraker¹ ¹Hospital Of The University Of Pennsylvania, Department Of Surgery, Philadelphia, PA, USA

67.18. Postoperative Outcomes in Patients Presented with Perforated Bowel: Early vs. Late Intervention. Z. Al-Qurayshi¹, E. Kandil¹ ¹Tulane University School Of Medicine, Surgery, New Orleans, LA, USA

67.19. Primary Anastomosis Versus Bowel Discontinuity in Damage Control Laparotomy. A. Hassan¹, P. Rhee¹, A. A. Haider¹, N. Kulvatunyou¹, T. O'Keeffe¹, A. Tang¹, R. Latifi¹, G. Vercruysee¹, D. Green¹, F. Randall¹, B. Joseph¹ ¹The University Of Arizona, Trauma, Tucson, AZ, USA

67.20. Endoscopic Ultrasound After Induction Chemoradiation Therapy Overstages Tumors for Esophageal Cancer. D. Giugliano¹, F. Palazzo¹, M. Pucci¹, E. Rosato¹, C. Lamb¹, D. Levine¹, A. Berger¹ ¹Thomas Jefferson University, Philadelphia, PA, USA

TUESDAY

WEDNESDAY

THURSDAY

MODERATORS: Anne O. Lidor, MD, MPH & Cynthia L. Leaphart, MD

- 68.01. *JSS ABSTRACT: Optimal surgical strategy for esophagogastric junction carcinoma.** M. Yura¹, H. Takeuchi¹, R. Nakamura¹, T. Takahashi¹, N. Wada¹, H. Kawakubo¹, Y. Kitagawa¹ ¹Keio University, School Of Medicine, Department Of Surgery, Shinjuku-ku, Tokyo, Japan
- 68.02. Evaluating the Quality of Care Transitions Following Outpatient Surgery.** M. McCabe¹, R. W. Randle¹, H. Chen^{1,2}, C. J. Balentine¹ ¹University Of Wisconsin, Department Of Surgery, Madison, WI, USA ²University Of Alabama, Department Of Surgery, Birmingham, Alabama, USA
- 68.03. Does Intraoperative Nerve Monitoring Reduce the Rate of Recurrent Laryngeal Nerve Injury?.** B. C. Brajcich¹, C. R. McHenry^{1,2} ¹Case Western Reserve University School Of Medicine, Cleveland, OH, USA ²MetroHealth Medical Center, Department Of Surgery, Cleveland, OH, USA
- 68.04. Laparoscopic vs. Open Approach for Acute Abdomen in Pregnancy.** A. Azim¹, P. Rhee¹, T. Orouji Jokar¹, N. Kulvatuonyou¹, T. O'Keeffe¹, A. Tang¹, R. Latifi¹, G. Vercruysse¹, D. Green¹, R. Friese¹, B. Joseph¹ ¹University Of Arizona, Trauma Surgery, Tucson, AZ, USA
- 68.05. Comparison of Outcomes in Colorectal Resections Based on Surgical Technique..** S. Groene¹, C. Chandrasekera¹, T. Prasad¹, A. Lincourt¹, B. T. Heniford¹, V. Augenstein¹ ¹Carolinas Medical Center, Division Of Gastrointestinal And Minimally Invasive Surgery, Charlotte, NC, USA
- 68.06. Bariatric Surgery and its Association With Improved Kidney Function Among African Americans.** K. Chawla¹, A. Vij¹, S. Ajmeri¹, A. L. Rodriguez¹, G. Gilot¹, F. De Souza³, G. Ortega³, C. O. Callender², T. Fullum² ¹Howard University, College Of Medicine, Washington, DC, USA ²Howard University College Of Medicine, Division Of Minimally Invasive And Bariatric Surgery, Department Of Surgery, Washington, DC, USA ³Howard University College Of Medicine, Outcomes Research Center, Department Of Surgery, Washington, DC, USA
- 68.07. Granulomatous Mastitis: Conservative vs. Surgical Treatment in a County Hospital.** A. J. Green^{1,2}, T. Rana², P. Twomey^{1,2}, R. Godfrey^{1,2} ¹University Of California - San Francisco, East Bay Surgery, San Francisco, CA, USA ²Highland General Hospital, Surgery Department, Oakland, CA, USA
- 68.08. Comparing Outcomes Following Colorectal Surgery in Patients with and without Diverticulitis..** S. Groene¹, C. Chandrasekera¹, T. Prasad¹, A. Lincourt¹, B. T. Heniford¹, V. Augenstein¹ ¹Carolinas Medical Center, Division Of Gastrointestinal And Minimally Invasive Surgery, Charlotte, NC, USA
- 68.09. Surgeon Perspectives on Inter-hospital Transfer for Gravely Ill Patients with Acute Surgical Problems.** K. Kummerow Broman^{1,4}, M. J. Ward², B. K. Poulouse¹, M. L. Schwarze³ ¹Vanderbilt University Medical Center, General Surgery, Nashville, TN, USA ²Vanderbilt University Medical Center, Emergency Medicine, Nashville, TN, USA ³University Of Wisconsin, Vascular Surgery, Madison, WI, USA ⁴VA TN Valley Healthcare System, Geriatric Research And Education Clinical Center, Nashville, TN, USA
- 68.11. Psychological factors as predictors of successful bariatric surgery.** S. Sheikh¹, T. Bell¹, R. Grim¹, P. Hartmann¹, V. Ahuja¹ ¹York Hospital, Surgery, York, PA, USA
- 68.12. Utilization of Intraoperative Cholangiography.** M. C. Nally¹, P. Patel¹, J. Myers¹, M. Luu¹ ¹Rush University Medical Center, General Surgery, Chicago, IL, USA
- 68.13. Frailty Predicts Postoperative Morbidity/Mortality after Colectomy for C-Difficile Colitis.** R. Venkat¹, E. Telemi¹, O. Oleksandr¹, V. Nfonam¹ ¹University Of Arizona, Surgery, Tucson, AZ, USA
- 68.14. Bleeding Risk after Fine Needle Aspiration of Thyroid Nodules in Patients on Antithrombotic Therapy.** R. M. Kholmatorov¹, T. A. Hassoon¹, Z. Al-Qurayshi¹, M. Anwar¹, F. Murad¹, H. Mahmood¹, T. K. Thethi², R. Aslam³, E. Kandil¹ ¹Tulane University School Of Medicine, Surgery, New Orleans, LA, USA ²Tulane University School Of Medicine, Endocrinology, New Orleans, LA, USA ³Tulane University School Of Medicine, Otolaryngology, New Orleans, LA, USA
- 68.15. Comparing Blue Dye Alone with Combined Dye and Isotope in Breast Sentinel Lymph Node Biopsy.** K. Tatsuda¹, M. Nagahashi¹, J. Tsuchida¹, K. Moro¹, T. Niwano¹, C. Toshikawa¹, M. Hasegawa¹, Y. Koyama¹, T. Kobayashi¹, S. Kosugi², H. Kameyama¹, T. Wakai¹ ¹Niigata University Graduate School Of Medical And Dental Sciences, Division Of Digestive And General Surgery, Niigata, Japan ²Uonuma Kikan Hospital, Digestive And General Surgery, Minami-Uonuma City, Niigata, Japan
- 68.16. Predictors of Recurrence Following Open Inguinal Herniorrhaphy.** P. M. Patel¹, A. Mokdad¹, A. Webb^{1,2}, S. Huerta^{1,2} ¹University Of Texas Southwestern Medical Center, Dallas, TX, USA ²VA North Texas Health Care System, Surgery, Dallas, TX, USA
- 68.17. Pattern of Calcium and PTH Normalization at 12 Months Follow Up after Parathyroid Surgery.** O. A. Lavryk¹, A. E. Siperstein¹ ¹Cleveland Clinic, Endocrine Surgery, Cleveland, OH, USA
- 68.18. Regional Variations of In-Patient Costs after Pancreaticoduodenectomy.** F. Ali¹, A. Dua¹, S. Desai² ¹Medical College Of Wisconsin, General Surgery, Milwaukee, WI, USA ²Southern Illinois University, Vascular Surgery, Springfield, IL, USA
- 68.19. Routine Chest Radiographs in the Post-Operative Management of Pectus Excavatum Bar Removal.** A. S. Poola¹, S. W. Sharp¹, S. D. St. Peter¹ ¹Children's Mercy Hospital - University Of Missouri Kansas City, Pediatric Surgery, Kansas City, MO, USA
- 68.20. Weight regain following sleeve gastrectomy – a systematic review with narrative analysis.** M. Lauti¹, M. Kularatna², A. G. Hill¹, A. D. MacCormick¹ ¹University Of Auckland, Auckland, New Zealand ²Middlemore Hospital, University Of Auckland, Department Of Surgery, Auckland, New Zealand

1:30PM - 3:30PM

Integrated Quick Shot Sessions II

69. OUTCOMES/CLINICAL: GENERAL SURGERY 7

CITY TERRACE 12

MODERATORS: Ronald Chamberlain, MD & Kamran Idrees, MD

69.02. Blunt Traumatic Aortic Injury in Adolescents: Do Open and Endovascular Modalities of Repair Compare? A. Shah², A. Ashfaq², S. R. Money², C. K. Zogg¹, J. Fraser¹, V. J. Davila², J. M. Chang², T. Oyetunji³, R. J. Fowl², W. Stone², A. B. Chapital², A. H. Haider¹ ¹Brigham And Women's Hospital, Center For Surgery And Public Health, Harvard Medical School, Harvard T H Chan School Of Public Health, Boston, MA, USA ²Mayo Clinic In Arizona, Department Of Surgery, Phoenix, AZ, USA ³Children's Mercy Hospital And Clinics, Department Of Surgery, Kansas City, MO, USA ⁴Phoenix Children's Hospital, Department Of Surgery, Phoenix, AZ, USA

69.03. Location of Ambulatory Laparoscopic Cholecystectomy in the Elderly Impacts Postoperative Acute Care. G. Molina^{1,2,3}, B. Neville¹, S. R. Lipsitz¹, W. R. Berry¹, A. B. Haynes^{1,2,3} ¹Ariadne Labs, Brigham And Women's Hospital And The Harvard T.H. Chan School Of Public Health, Boston, MA, USA ²Massachusetts General Hospital, Department Of Surgery, Boston, MA, USA ³Harvard Medical School, Boston, MA, USA

69.04. Do Hospital Factors Impact Readmissions After Colorectal Resections At Minority-Serving Hospitals? E. M. Hechenbleikner^{1,2,3}, C. Zheng^{1,2,3}, S. P. Lawrence^{1,2,3}, Y. K. Hong^{1,2,3}, L. B. Johnson^{1,2,3}, W. B. Al-Refai^{1,2,3} ¹Georgetown University Medical Center, Washington, DC, USA ²Georgetown University Medical Center, MH-SORC, Washington, DC, USA ³Georgetown University Medical Center, MGUH, Washington, DC, USA

69.05. Minimally Invasive Segmental Colectomy: Impact of Hospital Type on Short-Term and Oncologic Outcomes. U. P. Nag¹, M. Adam¹, C. T. Ong¹, Z. Sun¹, J. Kim¹, J. Migaly¹, C. Mantyh¹ ¹Duke University Medical Center, Surgery, Durham, NC, USA

69.06. The Impact of Frailty on Outcomes Following Paraesophageal Hernia Repair Using NSQIP Data. M. Chimukangara¹, M. J. Frellich¹, M. Bosler¹, L. E. Reinb², A. Szabo², J. C. Gould¹ ¹Medical College Of Wisconsin, General Surgery, Milwaukee, WI, USA ²Medical College Of Wisconsin, Biostatistics, Milwaukee, WI, USA

69.07. Marginal Ulcer After Roux-en-Y Gastric Bypass: A Common Costly Problem. A. Furukawa¹, D. T. Dempsey¹, N. Williams¹, C. Neylan¹, K. Dumon¹ ¹Hospital Of The University Of Pennsylvania, Department Of Surgery, Philadelphia, PA, USA

69.08. Appendectomy in Patients with HIV and AIDS: Not as Bad as We Once Thought. M. C. Smith¹, P. J. Chung¹, Y. C. Constable², A. E. Alfonso¹, G. Sugiyama¹ ¹SUNY Downstate Medical Center, Department Of Surgery, Brooklyn, NY, USA ²SUNY Downstate College Of Medicine, Brooklyn, NY, USA

69.09. Unplanned Reoperations following Abdominal Surgery: Incidence and Failure-to-Rescue by Procedure. H. S. Kazaure¹, S. A. Roman², J. A. Sosa² ¹Stanford University, General Surgery, Palo Alto, CA, USA ²Duke University Medical Center, Surgery, Durham, NC, USA

69.10. Feeding Gastrostomy in Children with Complex Heart Disease: When is a Fundoplication Indicated? J. L. Carpenter¹, T. A. Soeken¹, A. J. Correa¹, I. J. Zamora¹, S. C. Fallon¹, M. J. Kissler¹, C. D. Fraser², D. E. Wesson¹ ¹Texas Children's Hospital, Division Of Pediatric Surgery, Department Of Surgery, Houston, TX, USA ²Texas Children's Hospital, Division Of Congenital Heart Surgery, Department Of Surgery, Houston, TX, USA

69.11. Stage IV Rectal Cancer: Different Than Colon? A Population Study. M. Ostrowski¹, M. Mora-Pinzon², E. He², J. Eberhardt², T. Saclarides², D. Hayden² ¹Loyola University Chicago, Stritch College Of Medicine, Maywood, IL, USA ²Loyola University Medical Center, Department Of Surgery, Maywood, IL, USA

69.12. Axillary Hidradenitis Suppurativa: Natural History and Factors Associated with Recurrence. N. Nweze¹, R. Ahuja¹, A. Parsikia¹, L. Force¹, L. Cetrulo¹, J. Strain¹, A. R. Joshi^{1,2} ¹Einstein Healthcare Network, Surgery, Philadelphia, PA, USA ²Jefferson Medical College, Surgery, Philadelphia, PA, USA

69.14. Analysis of Accessibility, Usability, Reliability, and Accuracy of Online Burn Treatment Resources. P. H. Chang^{1,2}, M. Paz³, P. H. Chang^{1,2} ¹Shriners Hospitals For Children- Boston, Boston, MA, USA ²Massachusetts General Hospital, Boston, MA, USA ³Northeastern University, General, MA, USA

69.15. Contaminated Cases: A Dual Stage Approach to High Risk Ventral Hernia Repair. M. Bobbs¹, N. Kugler¹, T. Webb¹, J. S. Paul¹ ¹Medical College Of Wisconsin, Milwaukee, WI, USA

69.16. Single Institution Phasix Mesh Outcomes in a Population of Primarily Complicated/Recurrent Hernias. D. B. LePere¹, M. P. Lundgren², E. L. Rosato², K. A. Chojnacki², D. A. Ehrlich¹, S. E. Copit¹, P. J. Greaney¹ ¹Thomas Jefferson University, Plastic Surgery, Philadelphia, PA, USA ²Thomas Jefferson University, General Surgery, Philadelphia, PA, USA

69.17. Combined Endoscopic Laparoscopic Surgery for Benign Colon Polyps: A Single Institution Cost Analysis. L. Tedesco¹, J. Paolino¹, L. Chen¹, J. Yoo¹, M. Kiely¹ ¹Tufts Medical Center, Boston, MA, USA

69.18. Predictors of Mortality in Patients Undergoing Pancreatic Resections in a Tertiary Healthcare Center. L. I. Amodu¹, A. Levy¹, M. Akerman¹, M. Tiwari¹, G. Georgiev¹, M. Beltran Del Rio¹, J. Nicastro¹, G. F. Coppa¹, E. P. Molmenti¹, H. Rilo¹ ¹North Shore University And Long Island Jewish Medical Center, Center For Diseases Of The Pancreas, Manhasset, NY, USA

69.19. Symptoms are preferential to routine studies for post-operative leaks in perforated ulcer repair. C. Carter², M. Burger¹, M. S. O'Mara^{1,2} ¹Grant Medical Center, Trauma And Acute Care Surgery, Columbus, OH, USA ²Ohio University Heritage College Of Medicine, Athens, OH, USA

69.20. Incisional Negative Pressure Therapy in High Risk Laparotomy Incisions is Safe and Effective. N. W. Kugler¹, T. Carver¹, J. S. Paul¹ ¹Medical College Of Wisconsin, Milwaukee, WI, USA

69.21. Enhancing Medical Education and Innovation Through Industry Mentors and Experiential Programs. P. Loftus¹, C. Elder¹, T. D'Ambrosio², J. T. Langell^{1,2} ¹University Of Utah, School of Medicine, Department Of Surgery, Salt Lake City, UT, USA ²University Of Utah, School Of Business, Salt Lake City, UT, USA

TUESDAY

WEDNESDAY

THURSDAY

1:30PM - 3:30PM

Integrated Quick Shot Sessions II

70. OUTCOMES/CLINICAL: ONCOLOGY 3

RIVER TERRACE 1

MODERATORS: Dan German Blazer, MD & Robert J. Canter, MD

70.01. *JSS ABSTRACT: Effectiveness of Postoperative Surveillance Endoscopy for Patients with Ulcerative Colitis.

H. Ishii¹, K. Hata¹, J. Kishikawa¹, H. Anzai¹, K. Otani¹, K. Yasuda¹, T. Nishikawa¹, T. Tanaka¹, J. Tanaka¹, T. Kiyomatsu¹, K. Kawai¹, H. Nozawa¹, H. Yamaguchi¹, S. Ishihara¹, J. Kitayama¹, T. Watanabe¹ ¹Faculty Of Medicine, The University Of Tokyo, Department Of Surgical Oncology, Tokyo, Japan

70.02. Gene expression of Angiopoietin, Tie and VEGF are associated with poor survival in breast cancer.

Ramanathan¹, A. L. Olex², L. J. Fernandez¹, A. R. Wolen², D. Fenstermacher², M. Dozmorov³, K. Takabe¹ ¹Virginia Commonwealth University Medical Center, Surgery, Richmond, VA, USA ²Virginia Commonwealth University, Center For Clinical And Translational Research, Richmond, VA, USA ³Virginia Commonwealth University, Biostatistics, Richmond, VA, USA

70.03. Single-Center Assessment of Gene Expression Classifier in Indeterminate Thyroid Nodule Management.

Rokosh¹, A. Kundel¹, T. C. Hill¹, J. Ogilvie¹, K. Patel¹ ¹New York University School Of Medicine, Department Of Surgery, New York, NY, USA

70.04. Impact of Time from Initial Biopsy to Definitive Excision When Residual Melanoma is Present.

A. Nadler¹, K. J. Ruth², J. M. Farma¹, S. S. Reddy¹ ¹Fox Chase Cancer Center, Surgical Oncology, Philadelphia, PA, USA ²Fox Chase Cancer Center, Biostatistics, Philadelphia, PA, USA

70.05. Colon Cancer Surgery at High and Low Mortality Hospitals.

M. A. Healy¹, H. Yin¹, J. D. Birkmeyer², S. L. Wong¹ ¹University Of Michigan, Surgery, Center For Healthcare Outcomes & Policy, Ann Arbor, MI, USA ²Dartmouth Medical School, Surgery, Lebanon, NH, USA

70.06. A Clinically Applicable Muscular Index Predicts Morbidity and Survival in Resectable Pancreatic Cancer.

D. Delitto¹, S. M. Judge¹, R. L. Nosacka¹, T. J. George¹, S. M. Wallet¹, G. A. Sarosi¹, R. M. Thomas¹, K. E. Behrns¹, S. J. Hughes¹, A. R. Judge¹, J. G. Trevino¹ ¹University Of Florida, Gainesville, FL, USA

70.07. Positive Margins Contribute to the Survival Paradox between Stage 2B/C and Stage 3A Colon Cancer.

Q. D. Chu¹, M. Zhou², K. Medeiros², R. H. Kim¹, X. Wu² ¹Louisiana State University Health Sciences Center-Shreveport, Surgical Oncology, Shreveport, LA, USA ²Louisiana State University Health Sciences Center, Louisiana Tumor Registry & Epidemiology And School Of Public Health, New Orleans, LA, USA

70.08. Outcomes of Non-elective Gastric Cancer Surgery Following Admission Through the Emergency Department.

I. Solsky^{1,2}, P. Friedmann^{1,2}, P. Muscarella^{1,2}, H. In^{1,2} ¹Montefiore Medical Center, Department of Surgery, Bronx, NY, USA ²Albert Einstein College of Medicine, Department of Surgery, Bronx, NY, USA

70.09. Prognostic Factors In Anaplastic Thyroid Neoplasms In The Adolescent And Young Adult Population.

I. I. Maizlin¹, G. McGwin², M. Goldfarb³, K. W. Gow⁵, S. A. Vasudevan⁶, J. J. Doski⁴, A. B. Goldin⁵, M. Langer⁷, J. G. Nuchtern⁶, E. A. Beierle¹ ¹Children's Hospital Of Alabama, University Of Alabama, Division Of Pediatric Surgery, Birmingham, Alabama, USA ²University Of Alabama, School Of Public Health, Birmingham, Alabama, USA ³John Wayne Cancer Institute/Providence St. John's Medical Center, Department Of Surgery, Santa Monica, CA, USA ⁴University Of Texas Health Science Center At San Antonio, San Rosa Children's Hospital, Department Of Surgery/Pediatric Surgery Division, San Antonio, TX, USA ⁵Seattle Children's Hospital, Division Of General And Thoracic Surgery, Seattle, WA, USA ⁶Baylor College Of Medicine, Division Of Pediatric Surgery, Houston, TX, USA ⁷Maine Medical Center, Division Of Pediatric Surgery, Portland, ME, USA

70.10. Pancreatic Cancer Disparities in an Underserved Population: A Need for Accessible Healthcare.

C. Mosquera¹, J. Lee¹, S. D. Kachare¹, T. L. Fitzgerald¹, E. E. Zervos¹ ¹East Carolina University Brody School Of Medicine, Division Of Surgical Oncology, Greenville, NC, USA

70.11. Hepato-Pancreatectomy: Outcomes of Synchronous Hepatic and Pancreatic Resection.

T. B. Tran¹, J. N. Leal¹, M. M. Dua¹, B. C. Visser¹, J. A. Norton¹, G. A. Poultsides¹ ¹Stanford University, Surgery, Stanford, CA, USA

70.12. Incidence and Pattern of Port-Site Metastasis Following Cholecystectomy in GBCA: A Systematic Review.

D. Berger-Richardson¹, T. Chesney¹, M. Englesakis³, S. Cleary^{1,3}, A. Govindarajan^{1,2}, C. Swallow^{1,2} ¹University Of Toronto, Division Of General Surgery, Toronto, Ontario, Canada ²Mount Sinai Hospital, Toronto, Ontario, Canada ³University Health Network, Toronto, Ontario, Canada

70.14. Gender Differences in Length of Hospital Stay After Elective Major Operations for Colon Cancer.

C. E. Cauley^{1,2}, D. Chang^{1,3}, L. Bordeianou¹, A. B. Haynes^{1,2,3} ¹Massachusetts General Hospital, Department Of Surgery, Boston, MA, USA ²Ariadne Labs At Brigham And Women's Hospital And The Harvard T.H. Chan School Of Public Health, Boston, MA, USA ³Codman Center Center For Clinical Effectiveness In Surgery, Boston, MA, USA

70.15. Very Long Acyl Chain (C24:0 and C22:0) Ceramides are Associated with Obesity and Breast Cancer Progression.

K. Moro¹, M. Nagahashi¹, J. Tsuchida¹, T. Niwano¹, K. Tatsuda¹, C. Toshikawa¹, M. Hasegawa¹, Y. Koyama¹, T. Kobayashi¹, S. Kosugi², H. Kameyama¹, H. Aoki³, K. Takabe³, T. Wakai¹ ¹Niigata University Graduate School Of Medical And Dental Sciences, Digestive And General Surgery Niigata University, Niigata, Japan ²Unonuma Kikan Hospital, Division Of Digestive And General Surgery, Minami-Unonuma, Niigata, Japan ³Virginia Commonwealth University School Of Medicine And The Massey Cancer Center, Surgical Oncology, Richmond, VA, USA

70.16. Causes and Predictors of Early Mortality Following Pancreatic Resection, Recognize Then Prevent.

C. Mosquera¹, T. L. Fitzgerald¹, E. E. Zervos¹ ¹East Carolina University Brody School Of Medicine, Division Of Surgical Oncology, Greenville, NC, USA

70.17. Limited Utility of Gene Expression Classifier in Surgical Patients with Bethesda III Thyroid Nodules.

T. M. Vaghaiwalla¹, G. A. Rubio¹, M. LoPinto¹, Z. F. Khan¹, A. R. Marcadis¹, J. I. Lew¹ ¹University Of Miami, Division Of Endocrine Surgery, The DeWitt Daughtry Family Department Of Surgery, Miami, FL, USA

70.19. A Novel Magnetic Resonance Imaging Protocol for Pancreatic Cystic Lesions.

R. K. Schmocker¹, S. B. Reeder², E. R. Winslow¹, S. M. Weber¹ ¹University Of Wisconsin, Surgery, Madison, WI, USA ²University Of Wisconsin, Radiology, Madison, WI, USA

70.20. Neutrophil-to-Lymphocyte Ratio Predicts Outcomes of Pancreaticoduodenectomy for Pancreatic Cancer.

A. I. Salem¹, E. R. Winslow¹, C. S. Cho¹, S. M. Weber¹ ¹University Of Wisconsin School Of Medicine And Public Health, General Surgery, Madison, WI, USA

70.21. Murine Breast cancer cells eliminated in non-derived strain mice; using an improved breast cancer model.

E. Katsuta¹, S. DeMasi¹, K. P. Terracina¹, H. Aoki¹, M. Aoki¹, P. Mukhopadhyay¹, K. Takabe¹ ¹Virginia Commonwealth University School Of Medicine And Massey Cancer Center, Division Of Surgical Oncology, Department Of Surgery, Richmond, VA, USA

1:30PM - 3:30PM

Integrated Quick Shot Sessions II

71. OUTCOMES/CLINICAL: ONCOLOGY 4

RIVER TERRACE 2

MODERATORS: Rebekah White, MD & Robert Meguid, MD,MPH,ScB

71.01. Preoperative Platelet to Albumin Ratio is a Prognostic Factor for Pancreatic Cancer. Y. Shirai¹, H. Shiba¹, N. Saito¹, T. Horiuchi¹, K. Haruki¹, Y. Nakaseko¹, Y. Takano¹, K. Furukawa¹, M. Kanehira¹, S. Onda¹, T. Sakamoto¹, T. Gocho¹, Y. Ishida¹, K. Yanaga¹ ¹The Jikei University School Of Medicine, Surgery, Minato-ku, Tokyo, Japan

71.02. Conservative Management of Desmoid Tumors is Safe and Effective. J. S. Park¹, Y. Nakache⁴, J. Katz³, R. D. Boutin³, A. Monjazebe², R. J. Canter¹ ¹University Of California - Davis, Surgical Oncology, Sacramento, CA, USA ²University Of California - Davis, Radiation Oncology, Sacramento, CA, USA ³University Of California - Davis, Radiology, Sacramento, CA, USA ⁴University Of California - Davis, Medical School, Sacramento, CA, USA

71.03. Frailty Markers and Thyroid/Parathyroid Surgical Outcomes in the Elderly. S. X. Jin¹, T. W. Yen¹, A. A. Carr¹, B. Lalonde¹, K. Doffek¹, D. B. Evans¹, T. S. Wang¹ ¹Medical College Of Wisconsin, Surgical Oncology/Surgery, Milwaukee, WI, USA

71.04. Influence of HIV infection on hepatocellular carcinoma incidence and survival. A. Mokdad¹, A. Singal³, J. Mansour¹, H. Zhu², A. Yopp¹ ¹University Of Texas Southwestern Medical Center, Surgical Oncology, Dallas, TX, USA ²University Of Texas Southwestern Medical Center, Medical Oncology, Dallas, TX, USA ³University Of Texas Southwestern Medical Center, Digestive And Liver Diseases, Dallas, TX, USA

71.05. Social Support for Patients undergoing Colorectal Cancer Treatment: A Diverse Population-Based Study. M. R. Kapadia¹, C. M. Veenstra³, R. E. Davis⁴, S. T. Hawley³, A. M. Morris² ¹University Of Iowa, Surgery, Iowa City, IA, USA ²University Of Michigan, Surgery, Ann Arbor, MI, USA ³University Of Michigan, Medicine, Ann Arbor, MI, USA ⁴University Of South Carolina, Public Health, Columbia, SC, USA

71.06. Black and White Pancreatic Adenocarcinoma Patients Receiving Similar Treatment Have Similar Survival. B. J. Flink^{1,2}, Y. Liu^{3,4}, R. Rochat³, D. A. Kooby^{1,4}, J. Lipscomb^{3,4}, T. W. Gillespie^{1,4} ¹Emory University School Of Medicine, Surgery, Atlanta, GA, USA ²VA Atlanta Health System, Surgery, Atlanta, GA, USA ³Emory University Rollins School Of Public Health, Atlanta, GA, USA ⁴Winship Cancer Institute, Atlanta, GA, USA

71.07. Socioeconomic Status, Medical History, and Pathologic Findings in Breast Cancer Surgery Decisions. V. J. Tapia⁴, G. F. D'Souza¹, F. Qiu⁵, G. Nguyen³, Q. Ly² ¹University Of California, San Diego, Plastic Surgery, San Diego, CA, USA ²University Of Nebraska Medical Center, Surgical Oncology, Omaha, NE, USA ³Medical College Of Wisconsin, Milwaukee, WI, USA ⁴University Of California - San Diego, School Of Medicine, San Diego, CA, USA ⁵University Of Nebraska Medical Center, College Of Public Health, Omaha, NE, USA

71.08. Financial Implications of Routine Postoperative ICU Care after CRS/HIPEC – More is Not Always Better. H. D. Mogal¹, E. A. Levine¹, N. F. Fino², T. I. Fleming¹, V. Getz¹, P. Shen¹, J. H. Stewart¹, K. I. Votanopoulos¹ ¹Wake Forest University School Of Medicine, Department Of Surgery, Division Of Surgical Oncology, Winston-Salem, NC, USA ²Wake Forest University School Of Medicine, Department Of Biostatistics, Winston Salem, NC, USA

71.09. Ultrasound Validation of Mathematically Modeled Irreversible Electroporation (IRE) Ablation Volumes. N. Bhutiani¹, C. A. Doughtie¹, R. C. Martin¹ ¹University Of Louisville, Surgical Oncology, Louisville, KY, USA

71.10. Chest Wall Ewing Sarcoma: The Results of a Population Based Analysis. A. J. Jacobs², J. Fishbein³, C. Fein Levy⁴, R. D. Glick¹ ¹North Shore University And Long Island Jewish Medical Center, CCMC, Division Of Pediatric Surgery, Manhasset, NY, USA ²Hofstra North Shore-LIJ School Of Medicine, Hempstead, NY, USA ³Feinstein Institute For Medical Research, Biostatistics Unit, Manhasset, NY, USA ⁴North Shore University And Long Island Jewish Medical Center, CCMC, Department Of Pediatric Hematology/Oncology, Manhasset, NY, USA

71.11. Volumetric Liver Analysis Guides Determination of Resectability. G. J. Bundley¹, S. K. Geevarghese² ¹Meharry Medical College, School Of Medicine, Nashville, TN, USA ²Vanderbilt University Medical Center, Liver Transplant, Nashville, TN, USA

71.12. Tumor Size Remains Better than Hounsfield Units for Predicting Adrenal Malignancy on Unenhanced CT. C. C. Taylor¹, G. A. Rubio¹, J. D. Egusquiza², M. LoPinto¹, J. I. Lew¹ ¹University Of Miami, Division Of Endocrine Surgery, DeWitt Daughtry Family Department Of Surgery, Miami, FL, USA ²University Of Miami, Department Of Radiology, Miami, FL, USA

71.13. Trend of Survival Outcomes in Duodenal Adenocarcinoma. T. Oyasiji¹, W. Tan², N. Wilkinson³ ¹Karmanos Cancer Institute, Surgical Oncology, Flint, MI, USA ²Roswell Park Cancer Institute, Biostatistics, Buffalo, NY, USA ³Kalispel Regional Medical Center, Surgical Oncology, Kalispel, MT, USA

71.14. Enhanced Recovery After Surgery (ERAS) on a High-Volume Surgical Oncology Unit: Details Matter. C. Mosquera¹, N. J. Koutlas¹, K. K. Myatt¹, N. A. Vohra¹, E. E. Zervos¹, T. L. Fitzgerald¹ ¹East Carolina University Brody School Of Medicine, Division Of Surgical Oncology, Greenville, NC, USA

71.15. Breast Reconstruction Outcomes Of Breast Cancer Patients In Medically Underinsured Population. S. Roh¹, L. K. Viennas¹, D. Chin¹, J. N. Collins¹, R. C. Britt¹, R. R. Perry¹, E. C. Feliberti¹ ¹Eastern Virginia Medical School, Surgery, Norfolk, VA, USA

71.16. Lung Resection is Safe and Feasible Among Stage IV Cancer Patients: An ACS-NSQIP Analysis. S. B. Bateni¹, E. A. David², R. J. Bold³, D. T. Cooke², F. J. Meyers⁴, R. J. Canter³ ¹University Of California - Davis, General Surgery, Sacramento, CA, USA ²University Of California - Davis, Cardiothoracic Surgery, Sacramento, CA, USA ³University Of California - Davis, Surgical Oncology, Sacramento, CA, USA ⁴University Of California - Davis, Hematology/Oncology, Sacramento, CA, USA

71.17. Factors Affecting Lymph Node Positivity in Intrahepatic Cholangiocarcinoma. O. Kutlu¹, K. Staveley-O'Carroll¹, E. R. Camp¹, E. Kimchi¹ ¹Medical University Of South Carolina, Division Of Surgical Oncology, Charleston, SC, USA

71.18. The Risk of Gastrointestinal Adverse Events among Cancer Patients Treated with CTLA-4 blockade. S. Lew^{1,2}, R. Chamberlain^{1,2,3} ¹Saint Barnabas Medical Center, Surgery, Livingston, NJ, USA ²Saint George's University, Grenada, Grenada, Grenada ³University Of Medicine And Dentistry Of New Jersey, Surgery, Newark, NJ, USA

71.19. Impact of Obesity on Post-Gastrectomy Outcomes and Survival of Patients with Gastric Cancer. D. H. Kim¹, C. E. Cauley¹, E. Fuentes¹, R. Ahmad¹, D. C. Chang¹, D. W. Rattner¹, J. T. Mullen¹ ¹Massachusetts General Hospital, Department Of Surgery, Boston, MA, USA

71.22. Using IntegriSense 750 for Fluorescence-Guided Surgery in a Head and Neck Cancer Model. T. Ramesh¹, L. Moore¹, S. Bevans¹, M. Limdi¹, E. Rosenthal², J. Warram¹ ¹University Of Alabama, School Of Medicine, Birmingham, Alabama, USA ²Stanford University, School Of Medicine, Palo Alto, CA, USA

TUESDAY

WEDNESDAY

THURSDAY

1:30PM - 3:30PM

Integrated Quick Shot Sessions II

72. OUTCOMES/CLINICAL: PEDIATRICS 1

CLEARWATER

MODERATORS: Tamarah Westmoreland, MD, PhD & Russell Kong-Yen Woo, MD

72.01. Do Secondary Signs Matter in Ultrasound Reporting for Suspected Appendicitis in Children? K. N. Partain¹, A. Patel², C. Travers³, C. McCracken³, J. Loewen⁴, K. Braithwaite⁴, K. F. Heiss⁵, M. V. Raval⁵ ¹Emory University School Of Medicine, Atlanta, GA, USA ²Emory University, Atlanta, GA, USA ³Emory University School Of Medicine, Dept Of Pediatrics, Children's Healthcare Of Atlanta, Atlanta, GA, USA ⁴Emory University School Of Medicine, Division Of Pediatric Radiology, Dept Of Radiology And Imaging Services, Children's Healthcare Of Atlanta, Atlanta, GA, USA ⁵Emory University School Of Medicine, Division Of Pediatric Surgery, Dept Of Surgery, Children's Healthcare Of Atlanta, Atlanta, GA, USA

72.02. Cost Modeling for Gastrochisis Management Strategies. J. Wu¹, S. Lee¹, D. A. DeUgarte¹ ¹UCLA And Harbor-UCLA, Dept Of Surgery - Division Of Pediatric Surgery, Los Angeles, CA, USA

72.03. Variability in Inhaled Nitric Oxide Use among Patients with Congenital Diaphragmatic Hernia. L. R. Putnam^{1,2}, K. Tsao^{1,2}, F. Morini³, P. A. Lally^{1,2}, K. P. Lally^{1,2}, M. T. Harting^{1,2} ²Children's Memorial Hermann Hospital, Pediatric Surgery, Houston, TX, USA ³Spedale Pediatrico Bambino Gesù, Rome, Italy ¹University Of Texas Health Science Center At Houston, Pediatric Surgery, Houston, TX, USA

72.04. Institutional Experience of Ultrafiltration in Neonates with Congenital Diaphragmatic Hernia on ECMO. P. E. Lau^{2,4}, S. M. Cruz^{2,4}, D. L. Cass^{1,2,4}, S. E. Home², T. C. Lee^{1,2,4}, S. E. Welty³, D. Lazar^{2,4}, J. Garcia-Prats⁵, O. O. Olutoye^{1,2,4} ¹Texas Children's Hospital, Texas Children's Fetal Center, Houston, TX, USA ²Texas Children's Hospital, Pediatric Surgery, Houston, TX, USA ³Texas Children's Hospital, Pediatrics, Houston, TX, USA ⁴Baylor College Of Medicine, Dept Of Surgery, Houston, TX, USA ⁵Texas Children's Hospital, Section of Neonatology, Houston, TX, USA

72.05. Practice Variation in Pectus Excavatum Repair within a Single Institution. C. N. Litz¹, S. M. Farach¹, C. Snyder², J. P. Jacobs², J. Davis², E. K. Amankwah³, P. D. Danielson¹, N. M. Chandler¹ ¹All Children's Hospital Johns Hopkins Medicine, Pediatric Surgery, St. Petersburg, FL, USA ²All Children's Hospital Johns Hopkins Medicine, Cardiothoracic Surgery, St. Petersburg, FL, USA ³All Children's Hospital Johns Hopkins Medicine, Clinical And Translational Research Organization, St. Petersburg, FL, USA

72.06. Hospital Variation in Rates of Concurrent Fundoplication during Gastrostomy Enteral Access Procedures. A. M. Stey¹, C. Vinocur⁴, B. L. Hall^{3,5}, M. E. Cohen³, K. Kraemer³, B. Kenney², R. Moss², C. Ko^{3,6}, L. Berman⁴ ¹Mount Sinai School Of Medicine, Dept Of Surgery, New York, NY, USA ²Nationwide Children's Hospital, Columbus, OH, USA ³American College Of Surgeons, Division Of Research And Optimal Patient Care, Chicago, IL, USA ⁴Nemours/Alfred I. DuPont Hospital For Children, Surgery, Wilmington, DE, USA ⁵Washington University, Surgery, St. Louis, MO, USA ⁶David Geffen School Of Medicine, University Of California At Los Angeles, Surgery, Los Angeles, CA, USA

72.07. Safety and Cost-Effectiveness of Port Removal Outside of the Operating Room. T. F. Devji^{1,2}, A. Madenci^{1,3,4}, E. Carpino¹, M. Samnaliev^{1,4}, C. Weldon¹, J. Cravero¹ ¹Boston Children's Hospital, Boston, MA, USA ²Harvard School Of Dental Medicine, Boston, MA, USA ³Brigham And Women's Hospital, Boston, MA, USA ⁴Harvard Medical School, Boston, MA, USA

72.08. Outcome Assessment Of Renal Replacement Therapy In Newborns. I. I. Maizlin¹, M. C. Shroyer¹, L. Perger², M. K. Chen¹, E. A. Beierle¹, C. A. Martin¹, S. A. Anderson¹, V. E. Mortellaro¹, D. A. Rogers¹, R. T. Russell¹ ¹Children's Hospital Of Alabama, University Of Alabama, Division Of Pediatric Surgery, Birmingham, Alabama, USA ²Scott & White Healthcare/Texas A&M Health Science Center College Of Medicine, Department Of Surgery, Temple, TX, USA

72.09. Factors Predictive of Complicated Appendicitis in Children. X. D. Pham¹, V. F. Sullins¹, D. Y. Kim¹, B. Range³, A. Kaji², C. DeVirgilio¹, S. L. Lee¹ ¹Harbor-UCLA Medical Center, General Surgery, Torrance, CA, USA ²Harbor-UCLA Medical Center, Emergency Medicine, Torrance, CA, USA ³University Of California-Los Angeles, Los Angeles, CA, USA

72.10. Imaging Gently? Higher Rates of CT Imaging for Pediatric Appendicitis in Non-Children's Hospitals. K. T. Anderson^{1,2}, L. R. Putnam^{1,2}, T. Ostovar-Kermani^{1,2}, E. Hamilton^{1,2}, D. H. Pham^{1,2}, M. T. Austin^{1,2}, A. L. Kawaguchi^{1,2}, L. S. Kao³, K. P. Lally^{1,2}, K. Tsao^{1,2} ²University Of Texas Health Science Center At

Houston, Pediatric Surgery, Houston, TX, USA ³University Of Texas Health Science Center At Houston, General Surgery, Houston, TX, USA ¹Children's Memorial Hermann Hospital, Pediatric Surgery, Houston, TX, USA

72.11. Premature Babies with Inguinal Hernias: When Should we Repair? N. Zeidan¹, S. D. Larson¹, J. A. Taylor¹, D. W. Kays¹, D. Solomon¹, S. Islam¹ ¹University Of Florida, Pediatric Surgery, Gainesville, FL, USA

72.12. Long Term Central Venous Access in a Pediatric Leukemia Population. A. Fu¹, E. Hodgman², L. Burkhalter¹, R. Renkes¹, T. Slone³, A. C. Alder^{1,4} ¹Children's Medical Center, Division Of Pediatric Surgery, Dallas, TX, USA ²University Of Texas Southwestern Medical Center, Dept Of General Surgery, Dallas, TX, USA ³University Of Texas Southwestern Medical Center, Dept Of Pediatrics, Dallas, TX, USA ⁴University Of Texas Southwestern Medical Center, Dept Of Pediatric Surgery, Dallas, TX, USA

72.13. Sub-specialty Surgical Care and Outcomes for Pediatric EGS Patients in a Low-Middle Income Country. A. Shakoor², A. Shah², C. K. Zogg¹, A. H. Haider¹, R. Rivello³, A. Latif⁶, F. G. Qureshi⁷, T. Oyetunji⁸, A. Mateen⁵, H. Zafar⁸ ⁸Children's Mercy Hospital And Clinics, Department Of Surgery, Kansas City, MO, USA ¹Brigham And Women's Hospital, Center For Surgery And Public Health, Harvard Medical School, Harvard T H Chan School Of Public Health, Boston, MA, USA ²Mayo Clinic In Arizona, Department Of Surgery, Phoenix, AZ, USA ³Brigham And Women's Hospital, Division Of Trauma, Burns And Surgical Critical Care, Boston, MA, USA ⁴West Virginia University School Of Medicine, Dept Of Pediatrics, Charleston Area Medical Center (CAMC), Charleston, WV, USA ⁵Aga Khan University Medical College, Dept Of Surgery, Karachi, Sindh, Pakistan ⁶Johns Hopkins University School Of Medicine, Department Of Anesthesia, Baltimore, MD, USA ⁷Children's National Medical Center, Dept Of Surgery, Washington, DC, USA

72.14. Institutional and Patient Factors Affecting Pediatric Patient Transfer in Testicular Torsion. D. L. Lodwick¹, J. N. Cooper¹, K. J. Deans¹, P. C. Minneci¹, D. McLeod^{1,2} ¹Nationwide Children's Hospital, Center For Surgical Outcomes Research, Columbus, OH, USA ²Nationwide Children's Hospital, Urology, Columbus, OH, USA

72.15. Pediatric Near-Drowning Accidents: Do They Warrant Trauma Team Activation? P. N. Chotai¹, B. Eithun², L. Manning¹, J. Ross³, J. W. Eubanks¹, A. Gosain¹ ¹University Of Tennessee Health Science Center, Pediatric Surgery, Le Bonheur Children's Hospital, Memphis, TN, USA ²University Of Wisconsin, Pediatric Trauma Program, American Family Children's Hospital, Madison, WI, USA ³University Of Wisconsin, Division Of Pediatric Emergency Medicine, Department Of Emergency Medicine, American Family Children's Hospital, Madison, WI, USA

72.16. 10 Year Analysis of Benign Teratomas: Outcomes and Follow-up. B. P. Blackwood^{1,2}, C. J. Hunter¹, H. Sparks¹, M. Browne³ ¹Ann And Robert H. Lurie Children's Hospital Of Chicago, Pediatric Surgery, Chicago, IL, USA ²Rush University Medical Center, General Surgery, Chicago, IL, USA ³Children's Hospital, Lehigh Valley Health Network, Pediatric Surgery And Urology, Allentown, PA, USA

72.17. To Wrap or Not? Antireflux Procedures after Gastrostomy in Infants. K. A. Nestor¹, S. Larson¹, J. A. Taylor¹, D. W. Kays¹, S. Islam¹ ¹University Of Florida College Of Medicine, Pediatric Surgery, Gainesville, FL, USA

72.18. Morbidity and Healthcare Costs of Vascular Anomalies: a National Study of 7,485 Pediatric Inpatients. J. Kim¹, Z. Sun¹, B. C. Gulack¹, E. Benrashed¹, M. J. Miller², A. C. Allori¹, H. E. Rice¹, C. K. Shortell^{1,2}, E. T. Tracy¹ ¹Duke University Medical Center, Surgery, Durham, NC, USA ²Duke University Medical Center, Radiology, Durham, NC, USA

72.19. A Systematic Review of Thymectomy for Juvenile Myasthenia Gravis (JMG). A. L. Madenci¹, G. Z. Li¹, C. B. Weldon² ¹Brigham And Women's Hospital, Boston, MA, USA ²Children's Hospital Boston, Boston, MA, USA

72.20. Extent of Peritoneal Contamination on Resource Utilization in Children with Perforated Appendicitis. C. Feng¹, S. Anandalwar¹, F. Sidhwa¹, C. Glass¹, M. Marki¹, D. Zurakowski¹, S. Rangel¹ ¹Children's Hospital Boston, Surgery, Boston, MA, USA

1:30PM - 3:30PM

Integrated Quick Shot Sessions II

73. OUTCOMES/CLINICAL: PEDIATRICS 2

ST. JOHNS

MODERATORS: Melissa Danko, MD & Evan P. Nadler, MD

73.01. 30-day Outcomes for Children and Adolescents undergoing Sleeve Gastrectomy at a Children's Hospital. A. L. Speer¹, J. Parekh¹, F. G. Qureshi², E. P. Nadler¹ ¹Children's National Medical Center, Pediatric Surgery, Washington, DC, USA ²University Of Texas Southwestern Medical Center, Pediatric Surgery, Dallas, TX, USA

73.02. Patients Presenting as Transfers for Intussusception have an Increased Risk for Surgical Management . B. P. Blackwood^{1,2}, F. Hebal¹, C. J. Hunter^{1,3} ¹Ann And Robert H. Lurie Children's Hospital Of Chicago, Pediatric Surgery, Chicago, IL, USA ²Rush University Medical Center, General Surgery, Chicago, IL, USA ³Northwestern University Feinberg School Of Medicine, Pediatrics, Chicago, IL, USA

73.03. Optimizing Fluid Resuscitation in Hypertrophic Pyloric Stenosis . B. G. Dalton¹, K. W. Gonzalez¹, S. R. Boda¹, P. G. Thomas¹, A. K. Sherman¹, S. D. St. Peter¹ ¹Children's Mercy Hospital-University Of Missouri Kansas City, Kansas City, MO, USA

73.04. "Masqueradors of Appendicitis: Incidence of Atypical Diagnoses in 6816 Pathologic Specimens". Z. Farzal¹, Z. Farzal¹, N. Khan², S. Cope-Yokoyama³, A. C. Fischer⁴ ¹UT Southwestern Medical Center, Dallas, TX, USA ²Honor Health, Phoenix, AZ, USA ³Cooks Children's, Pathology, Fort Worth, TX, USA ⁴Beaumont Health System, Pediatric Surgery, Royal Oak, MI, USA

73.05. No Difference in Reliability and Efficacy of Caudal versus Penile Block in Circumcision. K. Malik³, R. S. Chamberlain^{1,2,3} ¹Saint Barnabas Medical Center, Surgery, Livingston, NJ, USA ²New Jersey Medical School, Surgery, Newark, NJ, USA ³St. George's University School Of Medicine, St. George's, St. George's, Grenada

73.06. Ultrasound Guided Central Venous Catheter Placement Increases Success Rates in Pediatric Patients. C. S. Lau^{1,3}, R. S. Chamberlain^{1,2,3} ¹Saint Barnabas Medical Center, Surgery, Livingston, NJ, USA ²New Jersey Medical School, Surgery, Newark, NJ, USA ³Saint George's University, Grenada, Grenada

73.07. Impact of Body Mass Index on Outcomes of Single-Incision Laparoscopic Appendectomy. C. N. Litz¹, S. M. Farach¹, P. D. Danielson¹, N. M. Chandler¹ ¹All Children's Hospital Johns Hopkins Medicine, Pediatric Surgery, Saint Petersburg, FL, USA

73.08. Neuroimaging in CDH Patients Requiring ECMO: Does it Predict Neurodevelopmental Outcome?. A. K. Rzepecki¹, M. Coughlin¹, N. L. Werner¹, H. Parmar², M. Ladino Torres², S. Patel², G. B. Mychaliska¹ ¹University Of Michigan, Pediatric Surgery, Ann Arbor, MI, USA ²University Of Michigan, Pediatric Radiology, Ann Arbor, MI, USA

73.09. Do All Intestinal Malrotations Require a Ladd Procedure? Prophylactic vs Post-Symptomatic Outcomes. S. E. Covey¹, L. R. Putnam^{1,2}, K. T. Anderson^{1,2}, K. P. Lally^{1,2}, K. Tsao^{1,2} ²Children's Memorial Hermann Hospital, Pediatric Surgery, Houston, TX, USA ¹University Of Texas Health Science Center At Houston, Pediatric Surgery, Houston, TX, USA

73.10. Temporal Distribution of Pediatric Extracorporeal Life Support. K. W. Gonzalez¹, B. G. Dalton¹, K. L. Weaver¹, A. K. Sherman¹, S. D. St. Peter¹, C. L. Snyder¹ ¹Children's Mercy Hospital-University Of Missouri Kansas City, Pediatric Surgery, Kansas City, MO, USA

73.11. Small Bowel Volvulus in Pediatric Patients: a Nationwide Population-Based Analysis. D. M. Schwartz¹, Z. V. Fong¹, D. C. Chang¹ ¹Massachusetts General Hospital, General Surgery, Boston, MA, USA

73.12. Protocols post-operative care in pyloromyotomy patients: Minimizing variance improves outcomes. K. Zirschky¹, N. A. Hamilton¹, K. Lofberg¹, T. L. Sims¹, K. Azarow¹ ¹Oregon Health And Science University, Pediatric Surgery, Portland, OR, USA

73.13. The Effect of Growth on Serial Haller Indices. A. S. Poola¹, B. G. Dalton¹, K. W. Gonzalez¹, D. C. Rivard², J. F. Tobler², C. W. Iqbal¹ ¹Children's Mercy Hospital - University Of Missouri Kansas City, Pediatric Surgery, Kansas City, MO, USA ²Children's Mercy Hospital - University Of Missouri Kansas City, Radiology, Kansas City, MO, USA

73.14. Initial Spontaneous Pneumothorax in Children and Adolescents: Operate or Wait?. L. M. Soler¹, D. W. Kays¹, S. D. Larson¹, J. A. Taylor¹, S. Islam¹ ¹University Of Florida, Pediatric Surgery, Gainesville, FL, USA

73.15. Nutritional Adequacy and Outcome in Neonatal and Pediatric Extracorporeal Life Support. K. A. Ohman¹, T. CreveCouer¹, A. M. Vogel² ¹Washington University, Department Of Surgery, St. Louis, MO, USA ²Washington University, Division Of Pediatric Surgery, St. Louis, MO, USA

73.16. Gastroschisis: Impact of delivery planning on patient outcomes. S. Burjonrappa^{1,2}, A. Ivanovic², S. Burjonrappa^{1,2} ¹Albert Einstein College Of Medicine, Bronx, NY, USA ²Saint Barnabas Medical Center, Livingston, NJ, USA

73.17. Management of Gallbladder Abnormalities in Pediatric Patients with Metachromatic Leukodystrophy. J. Kim¹, Z. Sun¹, V. K. Prasad², J. Kurtzberg², H. Rice¹, E. T. Tracy¹ ¹Duke University Medical Center, Surgery, Durham, NC, USA ²Duke University Medical Center, Pediatrics, Durham, NC, USA

73.18. The Identification and Treatment of Intestinal Malrotation in Older Children. K. L. Weaver¹, A. S. Poola¹, K. W. Gonzalez¹, S. W. Sharp¹, S. D. St. Peter¹ ¹Children's Mercy Hospital-University Of Missouri Kansas City, Pediatric General Surgery, Kansas City, MO, USA

73.19. Understanding Readmission in Children Undergoing Surgery: a Pediatric NSQIP Analysis. A. N. Kulaylat¹, A. L. Stokes¹, C. S. Hollenbeak¹, B. W. Engbrecht¹, D. V. Rocourt¹, M. C. Santos¹, R. E. Cilley¹, P. W. Dillon¹ ¹Penn State Hershey Medical Center, Department Of Surgery, Hershey, PA, USA

73.20. Single-port laparoscopic appendectomy is as safe as traditional 3-port appendectomy. N. A. Hamilton¹, M. Wieck¹, S. Krishnaswami¹ ¹Oregon Health And Science University, Pediatric Surgery, Portland, OR, USA

TUESDAY

WEDNESDAY

THURSDAY



1:30PM - 3:30PM

Integrated Quick Shot Sessions II

74. OUTCOMES/CLINICAL: PLASTICS/WOUND CARE

RIVER TERRACE 3

MODERATOR: Samuel Poore, MD

- 74.01. Racial Disparities for Timely Alveolar Bone Grafting Surgery.** J. Silvestre¹, O. Jackson¹ ¹The Children's Hospital Of Philadelphia, Division Of Plastic Surgery, Philadelphia, PA, USA
- 74.02. Tissue Expander Influence of Post-operative Radiation Therapy Effectiveness in Immediate R.** T. Galbreath¹, A. Eppler¹, B. Irojah¹, N. Young¹, R. Grim¹, D. M. Kenna¹, A. Shah¹, V. Ahuja¹ ¹York Hospital, Surgery, York, PA, USA
- 74.03. Maximizing the extent and utility of the pedicled ALT flap : Technical Pearls and Pitfalls.** A. Vijayasekaran¹, W. Gibreel¹, K. Bakri¹, B. Carlsen¹, M. Saint-Cyr², B. Sharaf¹ ¹Mayo Clinic, Plastic Surgery/Department Of Surgery, Rochester, MN, USA ²Scott & White Healthcare, Plastic Surgery, Temple, Texas, USA
- 74.04. Recurrence and Cosmesis in Nipple-Sparing Mastectomy Versus Breast Conservation and Total Mastectomy .** A. M. White¹, C. R. Thomas¹, G. M. Ahrendt¹, M. Bonaventura¹, C. De La Cruz², E. J. Diego¹, M. Gimbel², R. Johnson¹, V. Nguyen², K. Shestak², A. Soran¹, P. F. McAuliffe¹, K. P. McGuire^{1,3} ¹University Of Pittsburgh, Surgical Oncology/Surgery, Pittsburgh, PA, USA ²University Of Pittsburgh, Plastic Surgery, Pittsburgh, PA, USA ³University Of North Carolina At Chapel Hill, Surgical Oncology/Surgery, Chapel Hill, NC, USA
- 74.05. Comparing Operative Hand Experience by Surgical Specialty.** J. Silvestre¹, I. C. Lin¹, L. S. Levin¹, B. Chang¹ ¹Perelman School Of Medicine, Division Of Plastic Surgery, Philadelphia, PA, USA
- 74.06. The Importance of Geographical Location in the Plastic Surgery Match.** J. Silvestre¹, I. C. Lin¹, J. M. Serletti¹, B. Chang¹ ¹Perelman School Of Medicine, Division Of Plastic Surgery, Philadelphia, PA, USA
- 74.07. Defining the Plastic Surgery Breast Curriculum.** J. Silvestre¹, B. Chang¹, J. M. Serletti¹ ¹Perelman School Of Medicine, Division Of Plastic Surgery, Philadelphia, PA, USA
- 74.08. Literature Recommended as Study Aids for the Plastic Surgery In-Service Training Exam.** J. Silvestre¹, A. Zhang¹, S. J. Lin² ¹Perelman School Of Medicine, Philadelphia, PA, USA ²Harvard Beth Israel Deaconess Medical Center, Boston, MA, USA
- 74.09. Investigation of Visceral Skin Graft Revascularization and Separation from Peritoneal Contents.** K. E. Caldwell¹, R. M. Clark¹, B. B. Coffman¹, T. R. Howdieshell¹ ¹University Of New Mexico HSC, Department Of Surgery, Albuquerque, NM, USA
- 74.10. The CD248+ Subpopulation of Adipose Derived Stromal Cells Possesses Enhanced Angiogenic Potential.** E. R. Zielins¹, M. Januszzyk¹, C. Blackshear¹, E. A. Brett¹, M. Chin¹, S. Vistnes¹, S. Menon¹, S. Shailendra¹, G. C. Gurtner¹, M. T. Longaker¹, D. C. Wan¹ ¹Stanford University, Plastic And Reconstructive Surgery, Palo Alto, CA, USA
- 74.11. Influence of Topical Vasodilator-Induced Pharmacological Delay on Flap Viability.** Z. Wu³, M. M. Ibrahim¹, R. Schweller², B. Phillips¹, B. Klitzman^{1,2,3} ¹Duke University Medical Center, Division Of Plastic, Maxillofacial And Reconstructive Surgery, Durham, NC, USA ²Duke University Medical Center, Biomedical Engineering, Durham, NC, USA ³Duke University Medical Center, School Of Medicine, Durham, NC, USA

- 74.12. Identification of two new mutations in BPES phenotype.** B. J. Sumpio¹, D. Balkin⁴, D. Scott², P. Le Pabic³, T. Schilling³, D. Narayan¹ ¹Yale University School Of Medicine, Plastic And Reconstructive Surgery, New Haven, CT, USA ²Baylor College Of Medicine, Molecular And Human Genetics, Houston, TX, USA ³University Of California - Irvine, Developmental And Cell Biology, Orange, CA, USA ⁴University Of California - San Francisco, Plastic And Reconstructive Surgery, San Francisco, CA, USA
- 74.13. Tumor Inhibition by Excisional Wounds in an Immune Competent Mouse Allograft Model.** M. S. Hu¹, T. Leavitt¹, J. Gonzalez¹, C. Marshall¹, S. Malhotra¹, L. Barnes¹, A. T. Cheung¹, G. G. Walmsley¹, G. Gurtner¹, A. J. Giaccia¹, P. Lorenz¹, M. T. Longaker¹ ¹Stanford University, School Of Medicine, Palo Alto, CA, USA
- 74.14. Analysis of Gene Expression in E14 versus E18 Fetal Fibroblasts.** M. S. Hu¹, S. Malhotra¹, W. Hong¹, M. Januszzyk¹, G. G. Walmsley¹, A. Luan¹, D. Duscher¹, D. Wan¹, G. C. Gurtner¹, M. T. Longaker¹, P. Lorenz¹ ¹Stanford University, School Of Medicine, Palo Alto, CA, USA
- 74.15. Variability in Didactic Hand Surgery Training for Surgical Residents.** J. Silvestre¹, B. Chang¹, L. S. Levin¹ ¹Perelman School Of Medicine, Division Of Plastic Surgery, Philadelphia, PA, USA
- 74.16. Abdominal Wall Reconstruction in Cytoreduction and Hyperthermic Intraperitoneal Chemotherapy.** J. Rosado², J. B. Oliver², J. Patel², K. M. Spiegel², K. Houck³, R. J. Chokshi¹ ¹New Jersey Medical School, Surgical Oncology, Newark, NJ, USA ²New Jersey Medical School, Surgery, Newark, NJ, USA ³New Jersey Medical School, Obstetrics And Gynecology, Newark, NJ, USA
- 74.17. Correlation of Verified Burn Centers with CDC Burn Related Mortality: A Statewide Analysis.** T. Orouji Jokarokar¹, B. Joseph¹, A. Hassan¹, n. kulvatunyou¹, E. Tran¹, A. tang¹, R. latifi¹, d. J. Green¹, I. Gries¹, R. S. friese¹, p. rhee¹ ¹University Of Arizona, Trauma/Surgery/Medicine, Tucson, AZ, USA
- 74.18. Validation Of A Checklist For Postoperative Wounds In Vascular Surgery.** R. Gunter^{1,3}, J. Wiseman¹, S. Fernandes-Taylor¹, Y. Ma², S. Saha², S. Clarkson³, D. Yamanouchi⁴, K. C. Kent^{1,3} ¹University Of Wisconsin, Wisconsin Institute Of Surgical Outcomes Research, Madison, WI, USA ²University Of Wisconsin, Department Of Biostatistics, Madison, WI, USA ³University Of Wisconsin, Department Of Surgery, Madison, WI, USA ⁴University Of Wisconsin, Department Of Surgery, Division Of Vascular Surgery, Madison, WI, USA
- 74.19. Primary Fascial Closure After Damage Control Laparotomy: Factors Affecting Outcome .** M. A. Khasawneh¹, D. H. Jenkins¹, H. J. Schiller¹, D. J. Dries², M. D. Zielinski¹ ¹Mayo Clinic, Trauma, Critical Care, General Surgery, Rochester, MN, USA ²University Of Minnesota, General Surgery, St. Paul, MN, USA
- 74.20. Alkaline Ocular Burns in the United States.** R. S. Haring^{1,2,3,4}, I. D. Sheffield⁵, J. K. Canner³, A. H. Haider^{1,2}, E. B. Schneider^{1,2,3,4} ¹Harvard School Of Medicine, Brookline, MA, USA ²Brigham And Women's Hospital, Center For Surgery And Public Health, Boston, MA, USA ³Johns Hopkins University School Of Medicine, Johns Hopkins Surgery Center For Outcomes Research, Baltimore, MD, USA ⁴Johns Hopkins Bloomberg School Of Public Health, Dept. Of Health Systems And Policy, Baltimore, MD, USA ⁵Brigham Young University, Provo, UT, USA

TUESDAY

WEDNESDAY

THURSDAY

1:30PM - 3:30PM

Integrated Quick Shot Sessions II

75. OUTCOMES/CLINICAL: TRAUMA/CRITICAL CARE 4

HOSPITALITY SUITE 4104

MODERATORS: Ben Zarzaur, MD & Matthew J. Delano, MD, MPH

75.01. Impact and Treatment Success of New Onset Atrial Fibrillation with RVR Development in the SICU. M. Brown¹, F. Luchette², W. Chaney², S. Nassooy², T. Plackett², R. Blackwell², M. Engoren³, J. Posluszny² ¹University Of Michigan Medical Center, Ann Arbor, MI, USA ²Loyola University Medical Center, Loyola University Stritch School Of Medicine, Maywood, IL, USA

75.02. Do Transferred Patients Increase the Risk of Venous Thromboembolism in Trauma Centers?. B. K. Yorkgitis¹, O. Olufajo¹, G. Reznor¹, J. M. Havens¹, D. Metcalfe¹, Z. Cooper¹, A. Salim¹ ¹Brigham And Women's Hospital, Trauma, Burns And Surgical Critical Care, Boston, MA, USA

75.03. Loss of Health Insurance after Traumatic Spinal Cord Injury. J. K. Canner¹, E. R. Hammond⁵, E. B. Schnieder^{1,3,4}, A. Asemota¹, S. Selvarajah² ¹Johns Hopkins University School Of Medicine, Surgery, Baltimore, MD, USA ²Kennedy Krieger Institute, International Center For Spinal Cord Injury, Baltimore, MD, USA ³Harvard School Of Medicine, Brookline, MA, USA ⁴Brigham And Women's Hospital, Center For Surgery And Public Health, Boston, MA, USA ⁵Johns Hopkins University School Of Medicine, Psychiatry And Behavioral Sciences, Baltimore, MD, USA

75.04. Implementation of a Trauma Activation Checklist at an Academic Trauma Center. D. Ruter¹, J. Um¹, D. Evans¹, C. Boulger², C. Jones¹ ¹The Ohio State University College Of Medicine, Department Of Surgery, Division Of Trauma, Critical Care And Burn, Columbus, OH, USA ²The Ohio State University College Of Medicine, Department Of Emergency Medicine, Columbus, OH, USA

75.05. Changing Lives, Changing Lanes – A New Role for Vehicle Deformity and GCS in Trauma Triage?. M. Subrize¹, B. A. Asif¹, M. Mukit¹, H. C. Thode¹, M. C. Henry¹ ¹Stony Brook University Medical Center, Department Of Emergency Medicine, Stony Brook, NY, USA

75.06. Injury Type Predicts Extubation Failure Despite Successful Spontaneous Breathing Trials. A. Adkins², U. Pandya¹ ¹Grant Medical Center, Trauma Services, Columbus, OH, USA ²The Ohio State University, College Of Medicine, Columbus, OH, USA

75.07. Extended Venous Thromboembolism Prophylaxis After Trauma: A Disparity of Beliefs and Practices. C. McCoy¹, J. H. Lawson¹, M. Shapiro¹, C. Sommer¹ ¹Duke University Medical Center, Durham, NC, USA

75.08. Management of Major Hepatic Trauma in The Era of Damage Control Resuscitation. K. M. Ibraheem¹, P. Rhee¹, A. A. Haider¹, N. Kulvatunyou¹, T. O'Keeffe¹, A. Tang¹, R. Latifi¹, G. Vercruyse¹, L. Gries¹, R. Friese¹, B. Joseph¹ ¹University Of Arizona, Trauma Surgery, Tucson, AZ, USA

75.09. A Nursing Team Trained in Ultrasound-Guided IV Placement Improves Infection Rates in the SICU. J. R. MacDermott¹, C. H. Cook², J. Flaherty¹, C. Jones² ¹Ohio State University, Wexner Medical Center, Columbus, OH, USA ²Ohio State University, Department Of Surgery, Division Of Trauma, Critical Care, And Burn, Columbus, OH, USA ³Beth Israel Deaconess Medical Center, Department Of Surgery, Boston, MA, USA

75.10. Lactate Clearance as a Predictor of Mortality in Trauma Patients with and without TBI. S. E. Dekker¹, H. M. de Vries¹, W. D. Lubbers¹, P. M. Van De Ven², A. Toor³, F. W. Bloemers⁴, L. M. Geeraedts⁴, P. Schober¹, C. Boer¹ ¹VU University Medical Center, Anesthesiology, Amsterdam, NH, Netherlands ²VU University Medical Center, Epidemiology And Biostatistics, Amsterdam, NH, Netherlands ³VU University Medical Center, Center For Acute Care, VU Medical Center Region, Amsterdam, NH, Netherlands ⁴VU University Medical Center, Surgery, Amsterdam, NH, Netherlands

75.11. Comparison of Average Pre-Transfusion Hemoglobin Trigger in the SICU. N. Provenzale¹, M. Cripps^{1,2}, T. Chung¹, C. Townsend¹, W. Huda¹, C. T. Minshall^{1,2} ¹Parkland Health And Hospital System, Dallas, TX, USA ²University Of Texas Southwestern Medical Center, Division Of Burn, Trauma And Critical Care, Dallas, TX, USA

75.12. Injury Level Impacts Dysphagia Incidence in Elderly Patients with Non Operative C-Spine Fractures. J. Pattison², U. Pandya¹ ¹Grant Medical Center, Trauma Services, Columbus, OH, USA ²Ohio University College Of Osteopathic Medicine, Heritage College Of Osteopathic Medicine, Athens, OH, USA

75.13. Discharge Destination as an Independent Risk Factor for Readmission of the Older Trauma Patient. D. S. Strosberg², B. C. Housley³, D. Vazquez¹, A. Rushing¹, C. Jones¹ ¹Ohio State University, Department Of Surgery, Division Of Trauma, Critical Care, And Burn, Columbus, OH, USA ²Ohio State University, Department Of Surgery, Columbus, OH, USA ³Ohio State University, College Of Medicine, Columbus, OH, USA

75.14. Time to Pelvic Embolization ts Increased in Those Presenting After Business Hours and on Weekends. R. J. Miskimins¹, L. R. Webb¹, S. D. West¹, A. N. Delu², S. W. Lu¹ ¹University Of New Mexico HSC, Department Of Surgery, Albuquerque, NM, USA ²University Of New Mexico HSC, Department Of Radiology, Albuquerque, NM, USA

75.15. Age Predicts Discharge Disposition but Not Adjusted Mortality After Nonoperative Management of TBI. Q. Dang^{1,2}, S. Moradian^{1,2}, J. Catino¹, L. Zucker¹, I. Puente¹, F. Habib¹, M. Bukur¹ ¹Delray Medical Center, Department Of Trauma And Surgical Critical Care, Delray Beach, FL, USA ²Larkin Community Hospital, Department Of Surgery, Miami, FL, USA

75.17. Secondary Overtriage in Level 3 and 4 Trauma Centers: Are These Transfers Necessary?. R. M. Essig¹, K. T. Lynch¹, D. M. Long², U. Khan¹, G. Schaefer¹, J. C. Knight¹, A. Wilson¹, J. Con¹ ¹West Virginia University, Surgery, Morgantown, WV, USA ²West Virginia University, Biostatistics, Morgantown, WV, USA

75.18. Surgical Site Infections in the Trauma and Acute Care Surgical Populations. J. R. Burgess¹, T. J. Novosel¹, B. Knuckles¹, L. D. Britt¹ ¹Eastern Virginia Medical School, Surgery, Norfolk, VA, USA

75.19. Study of the Relationship between Outcomes of Severe Traumatic Brain Injury and Coagulopathy . P. Chang¹, W. Chong¹ ¹First Affiliated Hospital Of China Medical University, Emergency Department, Shenyang, Liaoning, China

75.20. Size Matters: Defining the Size tor Neurosurgical Intervention With Isolated Intra-Cranial Injury. V. Pandit¹, P. Rhee¹, N. Kulvatunyou¹, A. Tang¹, T. O'Keeffe¹, L. Gries¹, G. Vercruyse¹, R. Latifi¹, R. S. Friese¹, B. Joseph¹ ¹University Of Arizona, Trauma Surgery, Tucson, AZ, USA

75.21. MORTALITY AFTER ANGIOEMBOLIZATION IN THE SETTING OF traumatic hemorrhagic shock. C. E. Nembhard¹, J. O. Hwabejire¹, W. R. Greene¹ ¹Howard University College Of Medicine, Washington, DC, USA

TUESDAY

WEDNESDAY

THURSDAY

1:30PM - 3:30PM

Integrated Quick Shot Sessions II

76. OUTCOMES/CLINICAL: TRAUMA/CRITICAL CARE 5

HOSPITALITY SUITE 4106

MODERATOR: Christian Jones, MD

- 76.01. Three Potential Methods for Prehospital Treatment of Abdominal Hemorrhage.** M. J. Hurley³, J. B. Holcomb^{2,3} ²Memorial Hermann Hospital, Department Of Surgery, Houston, TX, USA ³University Of Texas Health Science Center At Houston, Center For Translational Injury Research, Houston, TX, USA
- 76.02. The Impact of Smoking on Mortality and Failure to Rescue in Operative Trauma.** T. Orouji Jokar¹, P. Rhee¹, A. Azim¹, N. Kulvatunyou¹, T. O'Keefe¹, A. Tang¹, R. Latifi¹, D. J. Green¹, L. Gries¹, R. S. Friese¹, B. Joseph¹ ¹The University Of Arizona, Trauma/Surgery/Medicine, Tucson, AZ, USA
- 76.03. Outcomes after Inpatient Rehabilitation for Trauma Patients.** C. W. Lancaster¹, P. Ayoung-Chee² ¹Emory University School Of Medicine, Atlanta, GA, USA ²New York University School Of Medicine, Department Of Surgery, Division Of Trauma, Emergency Surgery And Surgical Critical Care, New York, NY, USA
- 76.04. An Examination of Expected and Observed Mortality in the Setting of Mono- And Polytrauma.** E. Eklund¹, O. Kassari¹, N. Napoli², W. Barnhardt³, L. Barnes², J. Young¹ ¹University Of Virginia, Department Of Surgery, Charlottesville, VA, USA ²University Of Virginia, Department Of Systems & Information Engineering, Charlottesville, VA, USA ³University Of Virginia, Emergency Services, Charlottesville, VA, USA
- 76.05. Assessing the Safety and Efficacy of EMS Tourniquet Application: Too Often or Just Right?.** E. M. Champion¹, V. Orr², A. Conroy², J. Gurney², M. J. Cohen², R. Callcut² ¹Denver Health Medical Center, Surgery, Denver, CO, USA ²University Of California - San Francisco, Surgery, San Francisco, CA, USA
- 76.06. Effects of Mechanism of Injury and Patient Age on Outcomes in Geriatric Rib Fracture Patients.** H. Shi², M. Esquivel¹, K. Staudenmayer¹, D. Spain¹ ¹Stanford University, Department Of Surgery, Palo Alto, CA, USA ²Case Western Reserve University School Of Medicine, Cleveland, OH, USA
- 76.07. Newly Diagnosed Swallowing Dysfunction in Elderly Trauma Patients.** D. Laan¹, T. Pandian¹, D. Morris¹ ¹Mayo Clinic, Trauma Critical Care And General Surgery, Rochester, MN, USA
- 76.08. Pharmacologic stress ulcer prophylaxis may not be needed in ICU patients tolerating enteral nutrition.** N. M. Grimmer¹, B. McKinzie¹, P. L. Ferguson¹, E. Chapman¹, M. Dorton¹, E. A. Eriksson¹, B. Jewett¹, S. M. Leon¹, A. R. Privette¹, S. M. Fakhry¹ ¹Medical University Of South Carolina, Charleston, SC, USA
- 76.09. Incidence and Outcomes of Extremity Compartment Syndrome After Blunt Trauma.** R. S. Jawa¹, J. E. McCormack¹, E. C. Huang¹, M. J. Shapiro¹, J. A. Vosswinkel¹ ¹Stony Brook University Medical Center, Stony Brook, NY, USA
- 76.10. Analysis of a Novel Valet Parking Attendant Car Seat Safety Injury Prevention Program .** I. Abd El-shafy¹, L. W. Hansen¹, E. Flores¹, D. Riccardi¹, F. Bullaro-Colasuonno¹, J. Nicastro¹, J. Prince¹ ¹Cohen Children's Hospital, Pediatric Surgery, Queens, NY, USA
- 76.12. Venous Thromboembolism After Splenectomy for Trauma: Is There an Increased Risk?** S. Sheikh¹, Z. G. Hashmi², S. Zafar³, A. H. Tyroch⁴ ¹York Hospital, Department Of Surgery, York, PA, USA ²Sinai Hospital Of Baltimore, Department Of Surgery, Baltimore, MD, USA ³Howard University College Of Medicine, Department Of Surgery, Washington, DC, USA ⁴Texas Tech University Health Sciences Center, Department Of Surgery, El Paso, TX, USA
- 76.13. FURTHER DEFINITION OF THROMBUS IN PULMONARY ARTERIES OF TRAUMA PATIENTS.** T. S. Hester¹, J. C. Allmon¹, J. H. Habib¹, J. W. Dennis¹ ¹University Of Florida, Surgery, Jacksonville, FL, USA
- 76.14. Variability in Trauma Center Patient Demographics: One Level Fits All?.** C. Kapsalis¹, A. Lai¹, D. Kim¹, D. Ciesla¹ ¹University Of South Florida College Of Medicine, Tampa, FL, USA
- 76.15. The "Ins and Outs" of Acute Kidney Injury following Renal Trauma.** R. Won¹, D. Plurad¹, B. Putnam¹, A. Neville¹, S. Bricker¹, F. Bongard¹, J. Smith¹, D. Y. Kim¹ ¹Harbor-UCLA Medical Center, Trauma/Acute Care Surgery/Surgical Critical Care, Torrance, CA, USA
- 76.17. Does Initial Intensive Care Unit Admission Predict Hospital Readmission in Pediatric Trauma?.** R. M. Dorman^{1,2}, H. Naseem¹, K. D. Bass^{1,2}, D. H. Rothstein^{1,2} ¹Women And Children's Hospital Of Buffalo, Department Of Surgery, Buffalo, NY, USA ²State University Of New York At Buffalo, Department Of Surgery, Buffalo, NY, USA
- 76.18. Features of Trauma Diaphragmatic Injuries at a Level I Trauma Center: Has Anything Changed? .** B. C. Patterson¹, A. H. Palmer¹, A. Ekeh¹ ¹Wright State University, Department Of Surgery, Dayton, OH, USA
- 76.19. Intra-operative Shock Index Predicts Mortality in Patients Undergoing Damage Control Laparotomy.** B. Zangbar¹, B. Joseph¹, K. Ibraheem¹, N. Kulvatunyou¹, A. Tang¹, T. O'Keefe¹, L. Gries¹, R. Latifi¹, R. S. Friese¹, P. Rhee¹ ¹University Of Arizona, Trauma Surgery, Tucson, AZ, USA
- 76.20. Implications of ICU-Based or Operating Room-Based Tracheostomy .** N. Pettit², M. Leiber¹, E. Buggie¹, M. S. O'Mara^{1,2} ¹Grant Medical Center, Trauma And Acute Care Surgery, Columbus, OH, USA ²Ohio University Heritage College Of Medicine, Columbus, OH, USA
- 76.22. Falls from Height and Motor Vehicle Accidents during the Snowmelt 2014 in Western New York.** D. Gleason¹, W. A. Guo¹ ¹State University Of New York At Buffalo, Surgery, Buffalo, NY, USA

TUESDAY

WEDNESDAY

THURSDAY

1:30PM - 3:30PM

Integrated Quick Shot Sessions II

77. OUTCOMES/CLINICAL: TRANSPLANTATION/ONCOLOGY

HOSPITALITY SUITE 4108

MODERATORS: Manual I. Rodriguez-Davalos, MD & Julia Tchou, MD, PhD

77.01. Risk Factors for Perioperative Death After Kidney

Transplant in the Elderly Population. A. E. Ertel¹, K. Wima¹, R. S. Hoehn¹, D. E. Abbott¹, S. A. Shah¹ ¹University Of Cincinnati Medical College, General Surgery, Cincinnati, OH, USA

77.02. Kidney Transplant Recipients' Attitudes toward Using

mHealth for Medication Management. R. Browning¹, K. Chavin¹, P. Baliga¹, D. Taber¹ ¹Medical University Of South Carolina, Division Of Transplant Surgery, Charleston, SC, USA

77.03. Outcomes Following Laparoscopic and Open Appendectomy in Kidney Transplant Recipients.

N. Dagher¹, I. Olorundare¹, S. DiBrito¹, C. Landzabal¹, D. Segev^{1,2} ¹Johns Hopkins Bloomberg School Of Public Health, Department Of Epidemiology, Baltimore, MD, USA ²Johns Hopkins University School Of Medicine, Department Of Surgery, Baltimore, MD, USA

77.04. Individualized Immunosuppression in the Elderly Preserves Excellent Outcomes with Improved Value.

C. Eymard¹, W. Ally¹, K. L. Brayman¹, A. Agarwal¹ ¹University Of Virginia, Charlottesville, VA, Virgin Islands, U.S.

77.05. HLA-DR13 and -DR15 Are Associated with Short-term Rejection in Lung Transplantation.

T. W. Liang¹, A. S. Gracon¹, K. Rothhaar¹, J. Wu¹, D. S. Wilkes^{1,2} ¹Indiana University School Of Medicine, Indianapolis, IN, USA ²University Of Virginia, Charlottesville, VA, USA

77.06. Outcome Analysis of Intraoperative Hemodialysis in the Highest Acuity Liver Transplant Recipients.

M. Selim¹, M. Zimmerman¹, J. Kim¹, K. Regner², D. C. Cronin¹, K. Saeian³, L. A. Connolly⁴, K. K. Lauer⁴, H. J. Woehlick⁴, J. C. Hong¹ ¹Medical College Of Wisconsin, Division Of Transplant Surgery/Department Of Surgery, Milwaukee, WI, USA ²Medical College Of Wisconsin, Division Of Nephrology/Department Of Medicine, Milwaukee, WI, USA ³Medical College Of Wisconsin, Division Of Gastroenterology And Hepatology/Department Of Medicine, Milwaukee, WI, USA ⁴Medical College Of Wisconsin, Department Of Anesthesiology, Milwaukee, WI, USA

77.07. Title: The Incidence and Risk Factors of Hepatocellular Cancer Recurrence Following Liver Transplantation.

E. D. Colhoun¹, C. G. Forsberg¹, K. D. Chavin¹, P. Baliga¹, D. Taber¹ ¹Medical University Of South Carolina, Charleston, SC, USA

77.08. Does Donor Organ Quality Affect Outcomes of Patients with Severe Liver Decompensation?.

A. Bertacco¹, J. Merola¹, K. Giles¹, G. D'Amico¹, S. Luczycki¹, S. Kulkarni¹, P. S. Yoo¹, S. Emre¹, D. Mulligan¹, M. Rodriguez-Davalos¹ ¹Yale University School Of Medicine, Surgery/Transplantation, New Haven, CT, USA

77.09. No Difference in Post-Transplant Length of Stay in Pediatric Liver Transplant Recipients.

C. S. Hwang^{1,2}, M. Mac Conmara^{1,2}, T. Meza², D. Desai^{1,2}, E. J. Alfrey³ ¹University Of Texas Southwestern Medical Center, Surgery, Dallas, TX, USA ²Children's Medical Center, Pediatric Transplantation, Dallas, TX, USA ³Stanford University, Surgery, Palo Alto, CA, USA

77.10. Immunonutrition is associated with a decreased incidence of graft-versus-host disease:Meta-analysis.

H. Kota³, R. S. Chamberlain^{1,2,3} ¹Saint Barnabas Medical Center, Surgery, Livingston, NJ, USA ²New Jersey Medical School, Surgery, Newark, NJ, USA ³St. George's University School Of Medicine, St. George's, St. George's, Grenada

77.11. Readmission Following Liver Transplantation: An Unwanted Occurrence but an Opportunity to Act.

M. S. Patel¹, J. Mohebbali¹, J. Shah¹, J. F. Markmann¹, P. A. Vagefi¹ ¹Massachusetts General Hospital, Division Of Transplant Surgery, Boston, MA, USA

77.12. Effect of Patient-Centric Discharge Process on

Readmissions for Kidney Transplant Recipients. A. Chandrasekaran¹, L. Sharma¹, M. Gadkari¹, P. Ward¹, T. Pesavento¹, M. Hauenstein¹, S. Moffatt-Bruce¹ ¹Ohio State University, Surgery, Columbus, OH, USA

77.13. "Too Early?": Timing of Live donor Liver Transplantation (LDLT).

E. A. Pomfret¹, M. Akoad¹, M. Simpson¹, J. J. Pomposelli¹ ¹Lahey Hospital And Medical Center, Transplantation And Hepatobiliary Diseases, Burlington, MA, USA

77.14. Survival Benefit of Transplantation in Patients With Hepatocellular Carcinoma.

L. Woolf¹, R. S. Mangus¹, A. J. Tector¹, K. Ridlen¹, M. Maluccio¹ ¹Indiana University School Of Medicine, Surgery/Tranplant, Indianapolis, IN, USA

77.15. Does Immunonutrition Improve Outcomes after Major Surgery?.

K. N. Dautermann¹, T. L. Schmotzer¹, M. Henry¹, A. I. Salem¹, E. R. Winslow¹, C. S. Cho¹, S. M. Weber¹ ¹University Of Wisconsin School Of Medicine And Public Health, Department Of Surgery, Madison, WI, USA

77.16. The Impact of Early Recurrence on Quality of Life After

Cytoreductive Surgery with HIPEC. N. M. Hinkle¹, V. Botta², J. P. Sharpe¹, P. V. Dickson¹, J. Deneve¹, G. M. Munene¹ ¹University Of Tennessee Health Science Center, Surgery, Memphis, TN, USA ²University Of Tennessee Health Science Center, Medicine, Memphis, TN, USA

77.17. Treatment of Non-Functional, Non-Ampullary Duodenal Neuroendocrine Tumors.

T. J. Weatherall¹, J. W. Denbo¹, J. P. Sharpe¹, M. Martin², M. Ismail³, T. O'Brien⁶, K. Groshart⁴, R. Gupta⁵, S. W. Behrman¹, J. L. Deneve¹, G. Munene¹, P. V. Dickson¹ ¹The University Of Tennessee Health Science Center, Division Of Surgical Oncology, Memphis, TN, USA ²The University Of Tennessee Health Science Center, Division Of Hematology & Oncology, Memphis, TN, USA ³The University Of Tennessee Health Science Center, Division Of Gastroenterology & Hepatology, Memphis, TN, USA ⁴Trumbull Laboratories, Pathology Group Of The MidSouth, Memphis, TN, USA ⁵The University Of Tennessee Health Science Center, Division Of Pathology, Memphis, TN, USA ⁶Duckworth Pathology Group, Memphis, TN, USA

77.18. Impact of insurance Status on Cytoreduction Surgery and Hyperthermic Intraperitoneal Chemotherapy.

J. B. Oliver², J. Rosado², J. S. Patel², K. M. Spiegler², K. Houck³, R. J. Chokshi¹ ¹New Jersey Medical School, Surgical Oncology, Newark, NJ, USA ²New Jersey Medical School, Surgery, Newark, NJ, USA ³New Jersey Medical School, Obstetrics And Gynecology, Newark, NJ, USA

77.19. The Use of Biomarkers or Advanced Body Imaging in Surveillance for Breast Cancer: A Systematic Review.

E. R. Berger^{1,2}, J. R. Schumacher³, D. Vanness³, L. O'Dwyer⁵, D. P. Winchester⁴, C. C. Greenberg³ ¹American College Of Surgeons, Division Of Continuous Quality Improvement, Chicago, IL, USA ²Loyola University Chicago Stritch School Of Medicine, Department Of Surgery, Maywood, IL, USA ³University Of Wisconsin School Of Medicine And Public Health, Wisconsin Surgical Outcomes Research Program, Madison, WI, USA ⁴American College Of Surgeons, Cancer Programs, Chicago, IL, USA ⁵Northwestern University Feinberg School Of Medicine, Galter Health Sciences Library, Chicago, IL, USA

77.20. Outcomes of surgery for invasive breast carcinoma in Black women at an urban tertiary hospital.

D. R. Springs¹, G. Ortega², S. Ajmerji¹, A. Nehemiah¹, R. T. Green¹, L. Wilson³ ¹Howard University College Of Medicine, Washington, DC, USA ²Howard University College Of Medicine, Department Of Surgery, Washington, DC, USA ³Howard University College Of Medicine, Division Of Surgical Oncology, Washington, DC, USA

TUESDAY

WEDNESDAY

THURSDAY

1:30PM - 3:30PM

Integrated Quick Shot Sessions II

78. OUTCOMES/CLINICAL: CLINICAL/OUTCOMES - CROSS DISCIPLINARY

CONFERENCE CENTER A

MODERATORS: Kristan L. Staudenmeyer, MD & Suresh Agarwal, MD

- 78.01. Time to Death: A Story of Old?.** J. C. Albarracin¹, C. E. Wade¹, B. Oyeniyi¹, J. B. Holcomb¹, S. D. Adams¹ ¹University Of Texas Health Science Center At Houston, Department Of Surgery, Houston, TX, USA
- 78.03. Bariatric Surgery in Veterans with Pre-existing Lower Back and Extremity Degenerative Joint Disease.** K. Hwa¹, E. Kubat¹, E. Hardin¹, D. Eisenberg¹ ¹Stanford School Of Medicine And Palo Alto VA HCS, Surgery, Palo Alto, CA, USA
- 78.04. Incidence and Predictors of Metachronous Inguinal Hernias in Veteran Patients.** P. M. Patel¹, A. Mokdad¹, S. Kukreja^{1,2}, S. Huerta^{1,2} ¹University Of Texas Southwestern Medical Center, Dallas, TX, USA ²VA North Texas Health Care System, Dallas, TX, USA
- 78.05. Predictors of Anastomotic Leak after Colorectal Surgery in a Texas-Mexico Border Population.** A. H. Othman¹, A. Morales-Gonzalez¹, M. Zuber², V. Olivas¹ ¹Texas Tech University Health Sciences Center, Surgery, El Paso, TX, USA ²Texas Tech University Health Sciences Center, OB GYN, El Paso, TX, USA
- 78.06. Colon vs Rectal Surgery: A Comparison of Outcomes..** S. Groene¹, C. Chandrasekera¹, T. Prasad¹, A. Lincourt¹, B. T. Heniford¹, V. Augenstein¹ ¹Carolinas Medical Center, Division Of Gastrointestinal And Minimally Invasive Surgery, Charlotte, NC, USA
- 78.07. Effect of SCIP Guidelines on Outcomes of Colorectal Patients..** S. Groene¹, C. Chandrasekera¹, T. Prasad¹, A. Lincourt¹, B. T. Heniford¹, V. Augenstein¹ ¹Carolinas Medical Center, Division Of Gastrointestinal And Minimally Invasive Surgery, Charlotte, NC, USA
- 78.08. Comparing access to surgical care between Sweden and Zambia using geospatial mapping tools.** M. P. Vega^{1,5}, A. N. Bowder^{1,2,5}, N. P. Raykar^{1,3,5}, F. Oher¹, J. G. Meara^{1,5}, E. Makasa⁶ ¹Program In Global Surgery And Social Change, Harvard Medical School, Department Of Global Health And Social Medicine, Boston, MA, USA ²University Of Nebraska Medical School, Omaha, NB, USA ³Beth Israel Deaconess Medical Center, Department Of Surgery, Boston, MA, USA ⁴Boston Children's Hospital, Department Of Oral And Plastic Surgery, Boston, MA, USA ⁵Permanent Mission Of The Republic Of Zambia To The United Nations In Geneva & The Ministry Of Health, Lusaka, Zambia
- 78.09. Contribution of Short Term Surgical Missions to Total Surgical Care Delivery in a District Hospital.** A. V. Gore¹, C. M. McGreevy¹, M. K. Gyakobo², Z. C. Sifri¹ ¹Rutgers - NJMS, Newark, NJ, USA ²Tetteh Quarshie Memorial Hospital, Mampong-Akuapem, Akuapem North District, Ghana
- 78.10. Robotic Esophagectomy: Is it time yet?.** R. Sharma¹, C. Ripat¹, F. Pendola¹, O. Picado¹, D. Sleeman^{1,2}, N. Merchant^{1,2}, A. Livingstone^{1,2}, D. Yakoub^{1,2} ¹University Of Miami- Miller School Of Medicine, Division Of Surgical Oncology At Department Of Surgery, Miami, FL, USA ²Sylvester Comprehensive Cancer Center, Division Of Surgical Oncology At Department Of Surgery, Miami, FL, USA
- 78.11. Experimental Evaluation of a Quantified Depth Shave Biopsy Device.** L. G. Gutwein¹, B. Davignon³, T. M. Katona², C. L. Wade², R. Sood¹, S. S. Tholpady¹ ¹Indiana University School Of Medicine, Plastic & Reconstructive Surgery, Indianapolis, IN, USA ²Indiana University School Of Medicine, Pathology & Laboratory Medicine, Indianapolis, IN, USA ³Rose Hulman Ventures, Terre Haute, IN, USA
- 78.12. Perioperative Complications Of Surgical Treatment For Isolated Open Tibia Fractures In The Elderly.** N. N. Branch¹, R. Wilson¹ ¹Howard University College Of Medicine, Washington, DC, USA
- 78.13. A Surge in Rope Swing Injuries in Setting of Extreme Drought.** K. S. Romanowski², E. S. Salcedo¹, J. M. Galante¹, C. S. Cocanour¹ ¹University Of California - Davis, Division Of Trauma And Acute Care Surgery, Sacramento, CA, USA ²University Of Iowa, Division Of Acute Care Surgery, Iowa City, IA, USA
- 78.14. Preventing Unplanned Hospital Readmissions: Defining the Population is the First Step.** M. G. Rosenthal¹, J. H. Ra¹, D. Ebler¹, D. J. Skarupa¹, J. J. Tepas¹, T. S. Hester¹, S. Saquib¹, A. J. Kerwin¹ ¹University Of Florida COM-Jacksonville, Acute Care Surgery, Jacksonville, FL, USA
- 78.15. Characterization of Injury Rates by Population Density in Florida.** A. Lai¹, D. Kim¹, C. Kapsalis¹, D. Ciesla¹ ¹University Of South Florida College Of Medicine, Tampa, FL, USA
- 78.16. Factors Associated with Mortality After Fixation Of Isolated Open Tibia Fractures.** N. N. Branch¹, R. Wilson¹ ¹Howard University College Of Medicine, Washington, DC, USA
- 78.17. The Impact of Change in GCS Score on Outcomes After Traumatic Brain Injury.** H. Aziz¹, P. Rhee¹, A. A. Haider¹, N. Kulvatunyou¹, A. Tang¹, T. O'Keeffe¹, D. J. Green¹, R. Latifi¹, R. S. Frieze¹, B. Joseph¹ ¹University Of Arizona, Tucson, AZ, USA
- 78.18. The Prevalence of Psychiatric Diagnoses in Hospitalized U.S. Trauma Patients.** L. Townsend¹, M. Esquivel¹, P. T. Leitz¹, T. G. Weiser¹, P. M. Maggio¹, D. Spain¹, L. Tennakoon¹, K. Staudenmayer¹ ¹Stanford University, Surgery, Palo Alto, CA, USA
- 78.19. Understanding 30-day Death or Stroke Following Surgical Clipping for Intracranial Aneurysm.** H. Hong¹, R. R. Kelz², M. J. Smith¹ ¹University Of Pennsylvania, Neurosurgery, Philadelphia, PA, USA ²University Of Pennsylvania, Surgery, Philadelphia, PA, USA
- 78.20. Diabetes Impacts Brain Structure in Patients Undergoing Carotid Artery Interventions.** E. Hitchner¹, S. Rao¹, S. Soman³, W. Zhou^{1,2} ¹VA Palo Alto Healthcare System, Vascular Surgery, Palo Alto, CA, USA ²Stanford University, Vascular Surgery, Palo Alto, CA, USA ³Harvard School Of Medicine, Radiology, Boston, MA, USA
- 78.21. External Radiation Therapy for Hepatocellular Carcinoma; A Systematic Review of Current Evidence.** M. Tanious¹, J. Robbins¹, N. Berger¹, A. Hammad¹, R. Rajeev¹, K. K. Turaga¹, F. M. Johnston¹, S. Tsai¹, K. K. Christians¹, T. Gamblin¹ ¹Medical College Of Wisconsin, Milwaukee, WI, USA

TUESDAY

WEDNESDAY

THURSDAY



FACULTY LISTING

Daniel Erik Abbott, MD, University of Cincinnati, Cincinnati, OH, USA

Marwan S. Abouljoud, MD, Henry Ford Hospital, Detroit, MI, USA

Suresh Agarwal, MD, University of Wisconsin, Madison, WI, USA

Rajesh Aggarwal, MBBS, MA, PhD, FRCS, McGill University, Montreal, QC, Canada

Nita Ahuja, MD, Johns Hopkins University, Baltimore, MD, USA

Vanita Ahuja, MD, WellSpan York Hospital, York, PA, USA

Waddah B. Al-Refaie, MD, Medstar Georgetown University Hospital, Washington, DC, USA

Shipra Arya, MD, SM, Emory University, Atlanta, GA, USA

Faisal G. Bakaeen, MD, Cleveland Clinic, Houston, OH, USA

Kevin E. Behrns, MD, University of Florida, Gainesville, FL, USA

Karl Bilimoria, MD, MS, Northwestern University, Chicago, IL, USA

Juliane Bingener-Casey, MD, Mayo Clinic, Rochester, MN, USA

John D. Birkmeyer, MD, University of Michigan, Lebanon, NH, USA

Dan German Blazer III, MD, Duke University, Durham, NC, USA

Cherif Boutros, MD, MSc, University of Maryland, Baltimore, MD, USA

Luke Packard Brewster, MD, PhD, Emory University, Atlanta, GA, USA

Dustin Byrd, MD, University of Michigan, Durham, NC, USA

Robert J. Canter, MD, University of California, Davis, Sacramento, CA, USA

Ronald S. Chamberlain, MD, Saint Barnabas Medical Center, Livingston, NJ, USA

David Chang, MD, University of Chicago, Boston, MA, USA

Tammy T. Chang, MD, PhD, University of California, San Francisco, San Francisco, CA, USA

Herbert Chen, MD, University of Alabama at Birmingham, Birmingham, AL, USA

Clifford S. Cho, MD, University of Wisconsin, Madison, WI, USA

Danny Chu, MD, University of Pittsburgh, Pittsburgh, PA, USA

Mark S. Cohen, MD, University of Michigan, Ann Arbor, MI, USA

Darwin Conwell, MD, Ohio State University, Columbus, OH, USA

Melissa Ellen Danko, MD, Vanderbilt University, Nashville, TN, USA

Marc Anthony de Moya, MD, Massachusetts General Hospital, Boston, MA, USA

Justin B. Dimick, MD, MPH, University of Michigan, Ann Arbor, MI, USA

James Dupree, MD, University of Michigan, Ann Arbor, MI, USA

Philip Alexander Efron, MD, University of Florida, Gainesville, FL, USA

Akporfure Peter Ekeh, MD, MPH, Wright State University, Dayton, OH, USA

E. Christopher Ellison, MD, Ohio State University, Columbus, OH, USA

Michael J. Englesbe, MD, University of Michigan, Ann Arbor, MI, USA

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This has been a successful year for the AAS Foundation (AASF), as our fund assets have increased due to your contributions and to the generosity of the AAS Council. We are nearing our goal of reaching \$1 million in the AASF fund and we ask you to please help us reach that goal before the end of this year.

2016 will mark the 50th anniversary of the Association for Academic Surgery. In celebration of our golden anniversary, we invite you to join us in recognizing our first AAS President, Dr. George D. Zuidema. Back in 1966, the AAS was formed and the first officers were elected. Dr. Zuidema was one of those early visionary leaders dedicated to supporting the young surgical scientists who became the leaders of the future. Donate today in recognition of Dr. Zuidema by visiting our website or return the enclosed gift form with your contribution.

Every gift received helps keep surgical research active in institutions across the country. Every donation is extremely helpful, as the number of supporters is as important as the amount of each contribution. As a 501(c)3 tax-exempt organization, every dollar of support to the AASF is deductible for tax purposes according to the law. You may donate or pledge your support over time and all gifts will be gratefully accepted and acknowledged.

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On behalf of the AASF Board of Directors, thank you in advance for your support.

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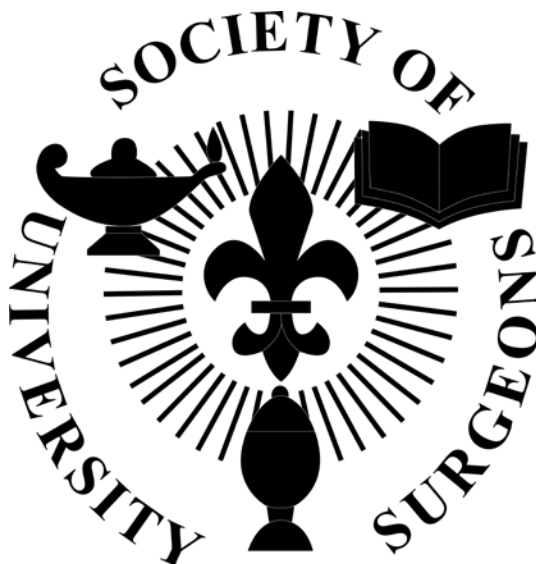
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Not Pictured: David Hackam, MD, PhD; O. Joe Hines, MD; Paul Kuo, MD; David Mercer, MD; Evan Nadler, MD; Carla Pugh, MD; Frank Sellke, MD; Scott Steele, MD

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The SUS Junior Faculty Award is intended for surgical faculty members in the United States or Canada in any of the surgical disciplines who have completed a surgical residency or clinical fellowship post-graduate training program to support their research in the basic, clinical/outcomes, or translational surgical sciences.

Christopher Gayer, MD, PhD 2015-2016

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2016 SUS Travel Award

The SUS sponsors two travel awards per year. Two of the presenters at the Plenary Session of the Academic Surgical Congress will be selected to receive Travel Awards. Selection is made by members of the Executive Council. The Publications Chair coordinates the selection process. The merits of the research, the quality of the presentation, and the skills demonstrated during the discussion will be considered in selecting award recipients. Each award recipient will attend either the SARS or ESSR meeting in the year following their selection where they will present their research. The SUS provides round trip coach airfare for the award recipient, while the sister societies provide accommodations and registration fees for the meeting. The award is intended for surgical resident trainees or surgical junior faculty.

The 2015 award winners were:

Shahab Shaffiey, MD

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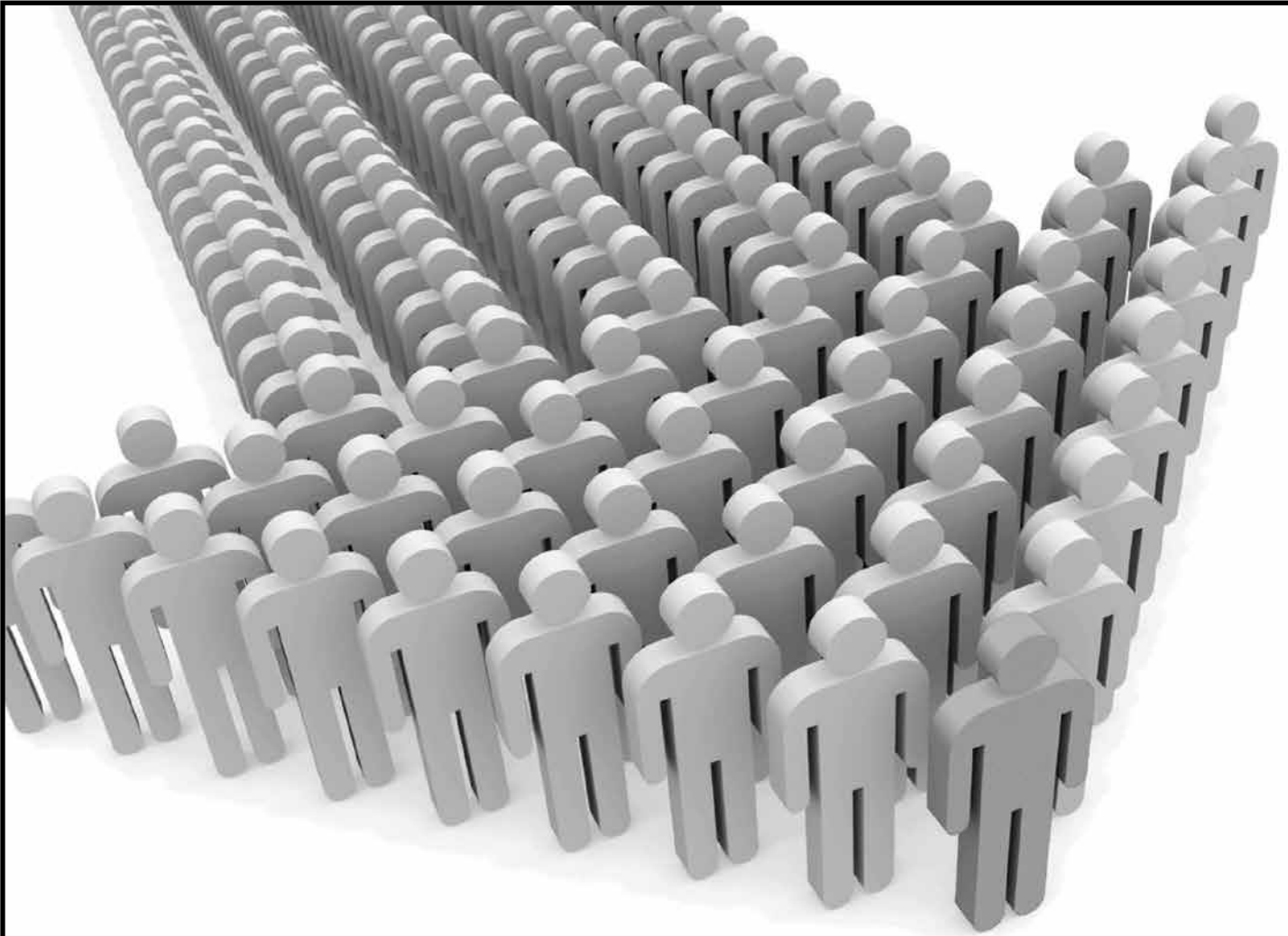
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INTERNATIONAL SISTER SOCIETY LEADERSHIP AWARDS

SUS leaders are chosen each year to represent the SUS at the annual meetings of its sister international surgical societies. In each case, they are expected to present some aspect of their scientific or clinical work and participate in important interchanges with the leaders and members of our partner sister societies.

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