

# **PROGRAM**

## **Thirty-Eighth Annual Meeting of the Surgical Infection Society**



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**Westlake Village, CA  
April 22-25, 2018**

**Learning Objective(s)**-- This activity is designed for **Physicians, Pharmacists and Nurses**. Upon completion of this course, participants will be able to

1. Describe the appropriated diagnostic measures for the diagnosis of Surgical Site Infection
2. Apply the correct treatment paradigm for the treatment of appendicitis
3. Summarize results on the latest research relevant to the diagnosis and treatment of surgical infections
4. Illustrate the correct use of antimicrobials for empiric treatment of sepsis in surgical patients
5. Examine elements of Quality in Surgery
6. Explain the best technique for bowel prep
7. Recognize the current controversies in the diagnosis and treatment of surgical infections
8. Evaluate the use of antimicrobials for a set course in the treatment of surgical infections
9. Discuss recent developments in the study of cellular and molecular mechanisms in the pathogenesis of surgical infections

### ***CONTINUING MEDICAL EDUCATION CREDIT INFORMATION***

#### **Accreditation**

This activity has been planned and implemented in accordance with the Essential Areas and Policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of the American College of Surgeons and Surgical Infection Society. The American College of Surgeons is accredited by the ACCME to provide continuing medical education for physicians.

#### ***AMA PRA Category 1 Credits™***

The American College of Surgeons designates this live activity for a maximum of **25.00 AMA PRA Category 1 Credits™**. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Of the *AMA PRA Category 1 Credits™* listed above, a maximum of **15.00** credits meet the requirements for Self-Assessment.



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#### **Disclosure Information**

In accordance with the ACCME Accreditation Criteria, the American College of Surgeons, as the accredited provider of this activity, must ensure that anyone in a position to control the content of the educational activity has disclosed all relevant financial relationships with any commercial

interest. Therefore, it is mandatory that both the program planning committee and speakers complete disclosure forms. Members of the program committee were required to disclose **all** financial relationships and speakers were required to disclose any financial relationship **as it pertains to the content of the presentations**. The ACCME defines a ‘commercial interest’ as “any entity producing, marketing, re-selling, or distributing health care goods or services consumed by, or used on, patients”. It does not consider providers of clinical service directly to patients to be commercial interests. The ACCME considers “relevant” financial relationships as financial transactions (in any amount) that may create a conflict of interest and occur within the 12 months preceding the time that the individual is being asked to assume a role controlling content of the educational activity.

ACS is also required, through our joint providership partners, to manage any reported conflict and eliminate the potential for bias during the activity. All program committee members and speakers were contacted and the conflicts listed below have been managed to our satisfaction. However, if you perceive a bias during a session, please report the circumstances on the session evaluation form.

**Please note we have advised the speakers that it is their responsibility to disclose at the start of their presentation if they will be describing the use of a device, product, or drug that is not FDA approved or the off-label use of an approved device, product, or drug or unapproved usage.**

The requirement for disclosure is not intended to imply any impropriety of such relationships, but simply to identify such relationships through full disclosure and to allow the audience to form its own judgments regarding the presentation.

## **Marketing & Exhibitor Support Pending Final Approvals**

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**SURGICAL INFECTION SOCIETY THIRTY-EIGHTH ANNUAL MEETING  
Westlake Village, California, April 22-25, 2018**

**Sunday, April 22, 2018**

<b>12:00-18:00</b>	<b>Registration</b>	<b>Newport</b>
<b>12:30</b>	<b>Council Lunch</b>	<b>Boardroom</b>
<b>13:00-16:00</b>	<b>Council Meeting</b>	<b>Boardroom</b>
<b>Phone 2/9/18</b>	<b>Nominating Committee</b>	<b>Phone 2/9/18</b>
<b>17:00-18:00</b>	<b>Buses Depart for President's Dinner</b>	<b>Reagan Library</b>
<b>19:00-21:30</b>	<b>President's Dinner (<i>By invitation</i>)</b>	<b>Reagan Library</b>

**Monday, April 23, 2018**

<b>06:15-07:15</b>	<b>Breakfast –AKPA Sepsis Study-All Welcome</b>	<b>Ballroom A&amp;E</b>
<b>07:15-07:30</b>	<b>Welcome Ceremony for New Members</b>	<b>Ballroom B-D</b>
<b>07:30-12:15</b>	<b>SURGICAL INFECTION UPDATE SYMPOSIUM</b> Moderators: Jeffrey Claridge, MD and Laura Moore, MD	<b>Ballroom B-D</b>
<b>07:30-08:45</b>	<b>The Structure and Design: How to Minimize and Eradicate Surgical Infections</b>	
07:30-07:50	OR Design and Flow. Andrew Ibrahim, MD	
07:50-08:10	Renovating and/or Building. Joe Golob, MD	
08:10-08:25	Special Units: Unique Aspects of Burn Units. Tina Palmieri, MD	
08:25-08:45	Key Ways to Prevent Infection When There Is No “Building” Aspects for the “Field”. David Blake, MD	
<b>09:00-10:30</b>	<b>Hospital Attire: How Do We Dress? Are We Protecting Ourselves and/or Our Patients</b>	
09:00-09:25	Ties, White Coats and Caps: Where is the Evidence? Scrubs In and Out of OR; Change vs. Cover. Carolyn Twomey, RN	
09:25-09:50	Isolation Practices: Best Practices, Do They Work? Inpatient vs. Outpatient Patrick O’Neill, PhD, MD	
09:50-10:15	Pro/Con Debate Over Mandatory Flu Vaccines for All Hospital Employees. Daithi Heffernan, MD	
<b>10:15-10:30</b>	<b>BREAK-Visit the Exhibits</b>	
10:45-12:15	<b>How Do I Clean and Sterilize? Best Practices to Minimize Surgery Related Infections</b>	
10:45-11:10	Update on Skin Prep Hand Washing: Should I Still Scrub/Wash vs Apply Stuff. Donald Fry, MD	
11:10-11:30	Wound Closure and Management. David Krpata, MD	
11:30-11:50	Tactics to Minimize Intra-Abdominal Infections in General Surgery Cases. Thomas Weiser, MD	
11:50-12:10	New Updates in Sterilization/Innovations in Sterilization—John Lynch, MD	

- 12:00 Awards Committee Sherwood**
- 12:15-13:30 LUNCHEON SYMPOSIUM Ballroom A&E**  
*The SIS Intraabdominal Infection App and Review*  
*John Mazuski, MD, PhD and Daithi Heffernan, MD*
- 1:30-17:00 Top Papers (10 min presentation/10 minute discuss) Ballroom B-D**  
**The Art and Science of Surgical Infections (Papers 1-10)**  
*Moderators: Kamal Itani, MD, MBA and Addison K. May, MD*

**O1.** A Novel Model of Spontaneous Lethal Gut-Derived Sepsis Originating From the Native Intestinal Microbiota. Sanjiv Hyoju, presenting. University of Chicago. *Discussant: Roberto Kolter, Phd*

**O2.** Enterococcus faecalis Stimulates Collagenolysis By Macrophages Via Plasminogen Activation: A Role in Anastomotic Leak. Richard Jacobson (Resident), presenting. University of Chicago.  
*Discussant: Catherine Hunter, MD*

**O3.** Global Defects in Neutrophil and Monocyte Function Offer New Targets to Improve Sepsis Survival in Obese, Diabetic Mice. Lynn Frydrych (Resident), presenting. University of Michigan.  
*Discussant: Alfred Ayala, PhD*

**O4.** Current Evaluation of Antibiotic Usage in Complicated Intraabdominal Infection After the STOP IT Trial: Did We STOP IT? Sarah Posillico (Resident), presenting. MetroHealth Medical Center.  
*Discussant: John Mazuski, MD, PhD*

**O5.** Sepsis Derived Exosomes Transfer Functional DNA Methyltransferases with Resultant Immunosuppression and Gene Silencing. Jon Wisler (New Member), presenting. Ohio State University.  
*Discussant: John Alverdy, MD*

**03:15-03:30 BREAK-Visit the Exhibits**

**O6.** Deepwound: Automated Postoperative Wound Assessment and Surgical Site Surveillance through Convolutional Neural Networks. Oliver Aalami, presenting. Stanford University.  
*Discussant: Heather Evans, MD*

**O7.** Patient-Monitored Surgical Site Infections in Karachi, Pakistan. Katherine Albutt (New Member, Resident). Harvard Medical Center *Discussant: Kamal Itani, MD*

**O8.** The Impact of Intraoperative Adverse Events on the Risk of Surgical Site Infection in Abdominal Surgery. Brandon Wojcik (Resident). Massachusetts General *Discussant: Philip S. Barie, MD*

**O9.** Tight Junction Changes in Neonatal Enteroid Model of Necrotizing Enterocolitis. Guillermo Ares, (Resident) presenting. University of Illinois at Chicago. *Discussant: Christopher Gayer, MD, PhD*

**O10.** Survival And Pulmonary Injury After Neonatal Sepsis: PD-1:PD-L1's Contributions To Mouse And Human Immunopathology. Eleanor Fallon (New Member, Resident), presenting.  
*Discussant: Michaela West, MD*

<b>17:00-1800</b>	<b>Committee Meetings:</b>		
	Audit	Manuel Lorenzo, MD, MBA	<b>Regency</b>
	Bylaws & Special Projects	Lillian S. Kao, MD	<b>Balcony C</b>
	Fellowship	Lewis J. Kaplan, MD	<b>Sherwood</b>
	Informatics	Daithi S. Heffernan, MD, AFRCSI	<b>Westlake</b>
	Membership	Jill Cherry-Bukowiec, MD	<b>Ballroom A</b>
	Program	Jeffrey A. Claridge, MD	<b>Balcony A</b>
	Scientific Studies	Philip S. Barie, MD, MBA	<b>Boardroom</b>
	Strategic Planning	Charles H. Cook, MD	<b>Georgian</b>
	Therapeutics & Guidelines	Therese M. Duane, MD	<b>Ventura</b>
<b>18:00-19:00</b>	<b>SIS Foundation Board Meeting (<i>By Invitation</i>)</b>		<b>Boardroom</b>
<b>19:00-21:00</b>	<b>Opening Reception</b>		<b>Waterfall Lawn</b>

**Tuesday, April 24, 2018**

**06:30-08:00 Breakfast** **Ballroom A&E**

**08:00-09:45 SESSION II** (Papers 11-17)(8min/7min discuss) **Ballroom B-D**  
*Moderators: Nicholas Namias, MD, MBA and Robert Sawyer, MD*

**O11.** Antimicrobial Stewardship Reduces SSI Rate, Number and Severity of Pancreatic Fistulae Following Pancreatoduodenectomy. Gareth Morris-Stiff, (New Member) presenting. Cleveland Clinic. *Discussant: Lilian Kao, MD*

**O12.** NRF2 and NLRP3 Gene Activation Rescues Inflammatory Response in TLR-4 Deficient Animals After FER Electroporation. Vladislav Dolgachev, presenting. University of Michigan. *Discussant: Todd Costantini, MD*

**O13.** Association of Quarterly Antimicrobial Class Exclusion and Resistance Rates. Christopher Guidry, presenting. Vanderbilt University Medical Center. *Discussant: Robert Sawyer, MD*

**O14.** Unmasking Unique Immune Altering Aspects Of The Microbiome as a Tool to Correct Sepsis Induced Immune Dysfunction. Isabella Heffernan, presenting. St. Mary's BayView Academy. *Discussant: John C. Alverdy, MD*

**O15.** Blue Light Improves Survival After Pneumonia by Augmenting Circadian Protein Expression. John Griepentrog, (Resident), presenting. University of Pittsburgh. *Discussant: Nicholas Namias, MD*

**O16.** Trauma Causes an Immunosuppressive Response to Secondary Microbial Challenge. Isaiah Turnbull, presenting. Washington University. *Discussant: Nicholas Namias, MD, MBA*

**O17.** Does Elevated Initial Creatinine Clearance Predict Infections in Critically Ill Trauma Patients? Sarah Eidelson (Resident), presenting. University of Miami/Ryder Trauma Center.  
*Discussant: Pamela Lipsett, MD*

**09:45-10:00 BREAK-Visit the Exhibits**

**10:00-11:00 William A. Altemeier Memorial Lecture Ballroom B-D**  
**“Microbial Biofilms: Implications for Surgery and So Much More”**  
Roberto Kolter, PhD  
Professor of Microbiology, Emeritus  
Harvard Medical School

**11:00-12:00 Surgical Infection Society Presidential Address Ballroom B-D**  
**“Just Advance the Needle!”**  
**Addison K. May, MD**  
Ingram Chair of Surgical Sciences  
Professor of Surgery and Anesthesiology  
Director, Surgical Intensive Care  
Program Director, Surgical Critical Care and Acute Care Surgery Fellowship  
Director of Research

**12:00-13:15 LUNCHEON SYMPOSIUM II *Pfizer* Ballroom A&E**

**13:30-15:00 SESSION III (Papers 18-23)(8min/7min discuss) Ballroom B-D**  
*Moderators: Christopher Gayer, MD, PhD and Jared Forrester, MD*

**O18.** The impact of Sarcopenia on Mortality in Patients with Necrotizing Soft Tissue Infections. Manuel Castillo-Angeles (Resident), presenting. Brigham and Women's Hospital.  
*Discussant: Jared Forrester, MD*

**O19.** Accurate Risk Stratification for Development of Organ/Space Surgical Site Infections after Emergent Trauma Laparotomy. Shuyan Wei (Resident), presenting. University of Texas Health Science Center at Houston. *Discussant: Vanessa Ho, MD*

**O20.** Downregulation of Occludin Protein in Necrotizing Enterocolitis is Associated with Altered Expression of Microrna-874. Christie Buonpane (New Member), presenting. Northwestern University.  
*Discussant: Mile Stanojcic, PhD*

**O21.** Are Patients with Perforated Peptic Ulcers that are Negative For H. Pylori at a Greater Risk? Rohit Rasane (Resident) presenting. Washington University. *Discussant: Peter A. Burke, MD*

**O22.** Role of Nrf2 in the Protective Effect of Remote Ischemic Conditioning in Hemorrhagic Shock/Resuscitation. Chung Ho Leung, presenting. University of Toronto. *Discussant: Laurie Kilpatrick*

**O23.** The Need for Accredited Surgery Centers to Perform Non-Elective Cholecystectomy in Elderly Patients. Robert Becher, presenting. Yale School of Medicine. *Discussant: Mark L. Shapiro, MD*

**15:00-15:15 BREAK-Visit the Exhibits**

**15:15 Raffle Drawing: Must Be Present to Win Ballroom B-D**  
**15:15-17:00 SESSION IV (Papers 24-30)(8min/7min discuss) Ballroom B-D**  
*Moderators: David Blake, MD and Michelle Loor, MD*

**O24.** Prolonged Benefit of Reltecimod In Treatment Of Patients With NSTI Is Independent Of Brief Plasma Half-Life. Rotem Edgar, PhD Atox Bio. *Discussant: Donald Fry, MD*

**O25.** Farnesoid X receptor (FXR) May Be Necessary for Intestinal Injury in Experimental Murine Necrotizing Enterocolitis. Michael Mallicote (Resident), presenting. Children's Hospital Los Angeles. *Discussant: Charles Cook, MD*

**O26.** Delayed Mobilization Impacts Length of Stay and Infectious Complications in Elderly Surgical Patients. Rachel Khadaroo, presenting. University of Alberta. *Discussant: Kaushik Mukherjee, MD*

**O27.** Attributable Mortality from Extensively Drug Resistant Gram-Negative Infections using Tracer Antibiotic Algorithms. Stephanie Bonne, presenting. Rutgers University. *Discussant: Isaiah Turnbull, MD*

**O28.** Stimulation of Systemic Low-Grade Inflammation by Chronic Stress. Elizabeth Miller (Resident), presenting. University of Florida. *Discussant: Michelle Loor, MD*

**O29.** Resident Lead Research Abstracts From the SIS Annual Meeting are Frequently Published in High Impact Metrics. Daithi Heffernan, presenting. Brown University. *Discussant: Jeffrey Claridge, MD*

**O30.** Is There Gender Disparity Within the Surgical Infection Society? Karla Bernardi (New Member and Resident), presenting. University of Texas Health Science Center at Houston. *Discussant: Stephanie Bonne, MD*

**17:00-18:00 Annual Business Meeting (Members only) Ballroom B-D**  
**18:00-18:45 Meet the New Members Reception (All Welcome) Outside Ballroom**  
**18:30-19:30 Surgical Infections Editorial Reception (By Invitation) Regency**  
**19:30-22:30 "A Taste of California" Ticketed Event to benefit the Foundation Pagoda Lawn**



**Wednesday, April 25, 2018**

**06:30-07:30 Breakfast Session: Case Report Competition**

**Ballroom A&E**

Moderator: Donald Fry, MD, Editor *Surgical Infections*

C1. The Boy with his Heart Exposed. A Case Report of Blastomycosis Treated with Anterior Eloesser Flap and ECMO. Kristin Colling (Resident), University of Minnesota

C2. Severe Lumbar Necrotizing Soft Tissue Infection Originating from a J-Pouch Fistula. Theodore Delmonico, Brown University

C3. Splenic Pseudocyst and Abscess: A Rare Complication of Chronic Pancreatitis. Joshua Sumislawski, University of Colorado

C4. Recurrent Necrotizing Soft Tissue Infections and Atypical Organisms: Manifestations of the Opiate/Opioid Crisis. Mayur Narayan, Weill Cornell Medical Center

C5. Chronic Femoral Osteomyelitis due to *Cladophialophora* in an Immunocompetent Patient. Nirbhay Jain, Washington University St. Louis

C6. Acute abdomen after laparoscopic sigmoid colectomy revealing a surprise diagnosis. Hugo Bonatti, MD, University of Maryland Shore Health

C7. Hot Rock Syndrome: Acute Appendicitis Presenting as Small Bowel Obstruction. Michael Jureller, Jacobi Medical Center

C8 A Surgeon's Account of a Monkeypox Outbreak in the Central African Republic. Moustafa Moustafa, University of Michigan

C9 Pediatric Surgical Care as a Model for Equity, Education, and Development: The Separation of Conjoined Twins In Haiti. Jamie Golden, MD, Children's Hospital of LA, U of SC

**07:30-08:45 UPDATE SYMPOSIUM II**

**Ballroom B-D**

**Global Health Updates on Surgical Infections**

Moderators: *Greg Beilman, MD and Joseph Solomkin, MD*

1 . Surgical Site Infection Prevention in a Resource-Limited Setting: Robert Riviello, MD

2 . Treating Surgical Infections in LMICs: Source Control, Then What? Jennifer Rickard, MD MPH, University of Minnesota, SIS member

3 . The Role of Technology in Practice in the Developing World. Andrew Stephen, MD, Brown, SIS Member

4. Infection Surveillance in Global Surgery Julie Valenzuela, MD, Vanderbilt

**08:45-10:15 UPDATE SYMPOSIUM III  
Pro-Con Debates 2018**

**Ballroom B-D**

*Moderators: Dante Yeh, MD and Mike Liang, MD*

Global Health topics

- 1) Resident Autonomy On Mission Trips: April Mendoza, MD, MPH and Caleb J Mentzer, DO
- 2) Antibiotic Stewardship In Developing Nations: Thomas G. Weiser, MD and Haytham Kaafarani, MD

WHO vs. CDC guidelines

- 3) Perioperative Discontinuation of Immunosuppressive Agents: Kamal M.F. Itani, MD and Addison K. May, MD
- 4) Prophylactic Negative Pressure Wound Therapy: David G. Greenhalgh, MD and David Krpata, MD
- 5) Wound Irrigation: Jeffrey A. Claridge, MD and Heather L. Evans, MD

**10:15-10:30 BREAK–Visit the Exhibits**

**10:30-12:15 SESSION V (Papers 31-37)(8min/7min discuss)**

**Ballroom B-D**

*Moderators: Jeffery Upperman, MD and Therese M. Duane, MD*

**O31.** Examining Healthcare Utilization After Use of a Mobile App for Wound-care Follow Up in the Emergency Department (ED). David Miranda (New Member, Resident, Sawyer), presenting. University of Washington. *Discussant: Reza Askari, MD*

**O32.** Clinical Synergism: Combined Fungal and Bacterial Intra-Abdominal Infections Associated with Increased Mortality. Elizabeth D. Krebs (Resident), presenting. University of Virginia  
*Discussant: Grant Bochicchio, MD*

**O33.** How Latent Viruses May Contribute to Acute Lung Injury. Thomas Marandu, presenting. Harvard BIDMC. *Discussant: Daithi Heffernan, MD*

**O34.** Retrospective Analysis of Postoperative Antibiotics in Operative Complicated Appendicitis. Patrick McGillen, presenting. Boston University School of Medicine. *Discussant: Kaysie Banton, MD*

**O35.** Risk Factors for Wound Infection in Outpatients with Lower Extremity Burns. Husayn Ladhani (Resident) University Hospitals, presenting. *Discussant: Lauren Moffatt, MD*

**O36.** Predicting the Risk of Surgical Site Infection Using Interactive and Machine-Learning Optimal Classification Trees. Haytham Kaafarani, presenting. Massachusetts General Hospital.  
*Discussant: Joseph Golob, MD*

**O37.** Effects of DAMPs Level Changes Following CVVH Therapy on Outcomes in AKI Patients with Sepsis. Jie Wu, (Sawyer Award) presenting. Jinling Hospital, Medical School of Nanjing University.  
*Discussant: Todd Costantini, MD*

**12:15-12:30 FELLOWSHIP AWARD RECIPIENT PRESENTATIONS Ballroom B-D**  
*Moderators: Philip S. Barie, MD, MBA and Peter Burke, MD*

**SIS Foundation Basic or Translational Research Training Fellowship-2017**

Aaron Williams, MD

University of Michigan Health System

**SIS Foundation Clinical Research Training Fellowship-2017**

Steven Raymond, MD

University of Florida

**SIS Foundation Junior Faculty Fellowship-2016-2018**

Xianghong Zhang, PhD

University of Pittsburgh

**12:30-13:30 LUNCHEON SYMPOSIUM III Ballroom A&E**

**13:30-15:30 Scientific Session VI - Focused Paper Presentations (Papers 38-43)**  
(8min/7min discuss)

*Moderators: E. Patchen Dellinger, MD, MD Kemal Rasa, MD*

*20 Minute Talk: Kemal Rasa, MD*

**O38.** Cross-Border Antibiotic Resistance Patterns in Trauma Patients. Allison Berndtson, presenting  
University of California, San Diego. *Discussant: Therese Duane, MD*

**O39.** A Prospective Cohort Study on the Timing of Antimicrobial Prophylaxis for Post-Cesarean Surgical  
Site Infections. Joseph Solomkin, OASIS Global, presenting.

*Discussant: Lorrie Langdale, MD*

**O40.** Burden of Pediatric Infections Requiring Surgery: Results from a Ugandan Tertiary Care Center.  
David Grabski, (Resident), presenting. University of Virginia.

*Discussant: Haytham Kaafarani, MD, MPH, FACS*

**03:15-03:30 BREAK—Visit the Exhibits**

**O41.** Third generation cephalosporin resistance in Rwandan surgical patients. Christophe Mpirimbanyi  
(New Member), presenting. University of Rwanda.

*Discussant: Andrew Stephan, MD*

**O42.** Osteomyelitis Recurrence with Open Femur Fractures among Combat Casualties from Iraq and  
Afghanistan. David R. Tribble, presenting. USUHS. *Discussant: Daniel Bonville, MD*

**O43.** Prevalence and Source Control of Intraabdominal Infection-A Single Hospital Perspective: Toar  
Lalisang, presenting, General Hospital, Jakarta. Indonesia. *Discussant: Kamal Itani, MD*

**15:30-17:30 Mini Oral SESSION**

**ACS – Moderators:** Jose J. Diaz, MD and Isaiah Turnbull, MD, PhD

**Ballroom A**

Causes of Postoperative Death in the Octogenarian 2015. Georgina Alizo Arruebarrena (Resident Award) presenting, Grand Strand Medical Center. *Discussant: Donald E. Fry, MD*

Damage Control Laparotomy for Surgical Management of Diverticulitis. Aaron Pinnola (Resident Award) presenting, Grand Strand Medical Center. *Discussant: Therese M. Duane, MD*

~~Delayed Enterocutaneous Fistula Takedown Is A Risk Factor For Post-Operative Necrotizing Soft Tissue Infection. Marlon Torres (Resident Award) presenting, Washington University School of Medicine. *Discussant: Daniel D. Yeh, MD, FCCM*~~

Experience with PCT placement in High-Risk Patients with acute cholecystitis. Omar Wain presenting, Flushing Hospital Medical Center. *Discussant: John M. Davis, MD*

Fluoroquinolones versus beta lactams for complicated intra-abdominal infections: a meta-analysis of RCTs. Michail Mavros (Resident Award) presenting, MedStar Washington Hospital Center, Washington, DC. *Discussant: Jeffrey M. Tessier, MD*

Immediate versus Delayed Emergency General Surgery is Associated with a Higher Incidence of C. difficile infection. Adrian Coleoglou Centeno (Resident Award) presenting, Washington University in Saint Louis. *Discussant: Nicholas Namias, MD, MBA*

Improved Outcomes In Diabetic Surgical Patients With Peri-Operative Glucose Management. Abdel Salous (Resident Award) presenting, Sinai Hospital. *Discussant: Jose J. Diaz, MD*

Inadequate antibiotic coverage in emergently operated complicated perirectal abscess has higher rates of readmission. Rohit Rasane (Resident Award) presenting, Washington University Saint Louis. *Discussant: Traci Hedrick, MD*

Length of therapy during a phase 3 study of eravacycline and meropenem for complicated intra-abdominal infection. Kenneth Lawrence, presenting, Tetrphase Pharmaceuticals. *Discussant: Grant V. Bochicchio MD*

Measuring Provider Compliance with an Institution-Based Clinical Pathway for Diverticulitis using Radiological Criteria. Gabriel Gonzalez, presenting, John Peter Smith Hospital. *Discussant: Robert G. Sawyer, MD*

Obtaining Cultures in Community-Acquired Intra-Abdominal Infection is not Associated with Outcome. Nathan Elwood (Resident Award) presenting, University of Virginia. *Discussant: Isaiah Turnbull, MD, PhD*

Pre-operative Antifungal Therapy Does Not Improve Outcomes in Perforated Peptic Ulcers. Christopher Horn (Resident Award) presenting, Saint Louis University.

*Discussant: Philip S. Barie, MD*

Risk Factors for Postoperative Sepsis and Septic Shock in Patients Undergoing Emergency Surgery. Viktor Gabriel (Resident Award) presenting, University of California, Irvine. *Discussant: Mayur Narayan, MD*

Short Term Morbidity Following Total Pancreatectomy and Auto Islet Transplantation; A National Surgical Outcomes Review. Victor R. Vakayil (New Member Award) presenting, University of Minnesota. *Discussant: Robert Sawyer, MD*

Surgical Site Infections and Postoperative Intraabdominal Abscesses in Appendicitis: An ACS-NSQIP Study. Joshua Tseng, presenting, Cedars Sinai Medical Center. *Discussant: Heather L. Evans, MD*

The Emergency Surgery Score (ESS) Accurately Predicts the Risk of Postoperative Infection in Emergency General Surgery. Kelsey Han, presenting, Harvard Medical School - Massachusetts General Hospital. *Discussant: Joseph Fernandez-Moure, MD*

**Basic - Moderators:** Charles H. Cook, MD and Steven E. Wolf, MD

**Ventura**

~~A nanocomposite electrospun scaffold enhanced cell adhesion in wound healing. Cheng Zhao (New Member Award) presenting, Nanjing General Hospital of Nanjing. *Discussant: Alfred Ayala, PhD*~~

Biofilm formation correlates with bacterial binding to enterocytes in *Enterococcus faecalis*. Patrick Delaplain presenting, Children's Hospital of Los Angeles. *Discussant: Mark Shapiro, MD*

Can IL-6-receptor blockade rectify burned induced hypermetabolism? Abdikarim Abdullahi, presenting, University of Toronto. *Discussant: Steven E. Wolf, MD*

Comparison of CHG Retention in a Repetitive Fluid Challenge with 2% CHG/70 % IPA Preoperative Skin Preparations. Joan Paulson, presenting, 3M. *Discussant: Daniel Bonville, MD*

Does Immune Status Impact the Utility of SOFA Score in Predicting Outcomes in Necrotizing Soft Tissue Infections? Manuel Castillo-Angeles (Resident Award) presenting, Brigham and Women's Hospital. *Discussant: Eleanor Fallon, MD*

Enabling a Standardized Assessment of SSI post-discharge. Corrine McIsaac presenting, Health Outcomes Worldwide. *Discussant: Heather L. Evans, MD*

Farnesoid-X Receptor Inhibition Allows Uninhibited Epidermal Growth Factor Activity. Michelle Nguyen (New Member Award) presenting, Children's Hospital Los Angeles. *Discussant: Charles Cook, MD*

Necrotizing Soft Tissue Infections: Wound Microbiology and Outcomes at a Regional Quaternary Referral Center. Juan Vazquez (New Member Award, Resident Award, Sawyer Award) presenting, MedStar Washington Hospital Center, Washington DC. *Discussant: Daithi S. Heffernan, MD, AFRCSI*

Pathophysiology of Septicemia in Adult Burn Patients. Mile Stanojic (New Member Award) presenting, Sunnybrook Research Institute. *Discussant: Jeffrey W. Shupp, MD*

~~Probiotics Microsphere Restored Gut Barrier by Reducing Oxidative Stress in Colitis. Cheng Zhao, presenting, Nanjing General Hospital of Nanjing. Discussant: Jon Wisler, MD~~

Proteomic Evaluation and Immunosuppression in Sepsis Derived Circulating Exosomes. Jon Wisler (New Member Award) presenting, Ohio State University. Discussant: Todd Costantini, MD

Urbanization Alters the Expression of NADPH Oxidase and Superoxide Dismutase Genes. Stephen Bickler (New Member Award) presenting, Rady Children's Hospital. Discussant: Jeffrey S. Upperman, MD

Urinary mitochondrial DNA Identifies Renal Dysfunction and Mitochondrial damage in Sepsis-induced Acute Kidney Injury. Qiong-yuan Hu (Sawyer Award) presenting, Jinling Hospital. Discussant: Daithi S. Heffernan, MD, AFRCSI

**Global - Moderators:** Gregory J. Beilman, MD and Jennifer L. Rickard, MD      **Sherwood**

An Emerging Relationship Between a US Surgical Team and a Ugandan Hospital; Avoiding the Cut and Run. Kristin Colling (Resident Award) presenting, University of Minnesota. Discussant: Andrew H. Stephen, MD

Risk Factors and Outcomes for Sepsis Following Appendectomy. Anthony H. Bui (Resident Award) presenting, Ichan School of Medicine at Mount Sinai. Discussant: Nasim Ahmed, MD

Clinical Practice Guideline in Complicated Intraabdominal Infection 2018 An Indonesian Perspective Toar Lalisang, presenting, Universitas Indonesia Discussant: Kamal M.F. Itani, MD

Efficacy of a Surgical Site Infection Scorecard for Quality Improvement in Haiti. Jessie Codner, presenting, Emory University. Discussant: Joseph D. Forrester, MD

Endo-luminal Graft Exclusion for Enteroatmospheric Fistulae. Gefei Wang, presenting, Nanjing General Hospital of Nanjing. Discussant: Kamal M.F. Itani, MD

Incidence of Staphylococcus aureus Infection after Elective Abdominal or Breast Surgeries in U.S. Hospitals. Elizabeth Begier, presenting, Washington University School of Medicine. Discussant: E. Patchen Dellinger, MD

Predictors of mortality in cases of abdominal sepsis at a Nicaraguan teaching hospital. Andrew Stephen, MD. Discussant: Joseph S. Solomkin, MD

Prevalence and Trends in Postoperative S. aureus Cultures in the Veterans Health Administration during 2009-2013. William O'Brien, presenting, VA Boston Healthcare System. Discussant: Kemal Rasa, MD

Reviewing the AHA prophylaxis guidelines on infective endocarditis prevention in a teaching hospital from 2007-2015. Hoi Yee Annie Lo, presenting, Eastern Virginia Medical School. Discussant: Steven D. Tennenberg, MD

Risk factors and outcomes of polymicrobial bacteremia involving K. pneumoniae in patients with IAI. Qinjie Liu, presenting, Nanjing Medical University. Discussant: Toar Lalisang

Surgical Instrument Reprocessing in LMICs: A Scoping Review of Existing Methods, Policies, and Barriers. Brittany Powell (Resident Award) presenting, Stanford University. *Discussant: Gregory J. Beilman, MD*

Sustainable Surgical Site Infection Prevention in LMIC: Persistence of a Limited Intervention in a Kenyan Hospital. Angie Sway, presenting, Oasis Global Inc. *Discussant: Thomas G. Weiser, MD*

~~The prognostic analysis of emergency pancreaticoduodenectomy due to abdominal trauma. Huajian Ren (Resident Award) presenting, Jinling Hospital. *Discussant: Mark Shapiro, MD*~~

Tunable Sequential Drug Delivery System for Management of Non-healing Infected Wound. Jinjian Huang (New Member Award) presenting, Jinling Hospital. *Discussant: Caleb J Mentzer, DO*

Surveillance of the in vitro activity of eravacycline and comparators against clinical isolates from the US from 2016. Sam Bouchillon, presenting, IHMA, Inc. *Discussant: Jeffrey Tessier, MD*

**Trauma - Moderators:** Vanessa P. Ho, MD and George O. Maish III, MD      **Ballroom E**

A comparison of post-injury infectious outcomes in elderly patients with Medicare vs private insurance. Theodore Delmonico (Resident Award/Sawyer Award) presenting, Brown University. *Discussant: Dennis Kim, MD*

A Propensity Score Analysis of Clostridium Difficile Infection Among Adult Trauma Patients. Viktor Gabriel (Resident Award) presenting, University of California, Irvine. *Discussant: David P. Blake, MD, MPH, FACS, DMCC*

Antibiotic Exposure Does not Affect Clearance of Alveolar Pathogens. Richard Betzold (New Member Award) presenting, Vanderbilt University Medical Center. *Discussant: Joseph F. Golob Jr., MD*

Early Palliative Care in Critically Ill Patients with Fatal Disease is Associated with Decreased Length of Stay. Mark Stice, presenting, University of Minnesota. *Discussant: Patrick Jon O'Neill, PhD, MD, FACS*

Fever and Trauma are Protective in ICU-Acquired Infections. Nathan Elwood (Resident Award) presenting, University of Virginia. *Discussant: Jeffrey A. Claridge, MD*

Impact Of timing of Debridement Of Open Long Bone Fractures In The Lower Extremities in Blunt Trauma On Wound Infection. Nasim Ahmed, presenting, Jersey Shore University Medical Center. *Discussant: George Maish, MD*

Gender Disparity in Surgical Infection Research. Lillian Huang (New Member Award, Resident Award) presenting, The University of Texas Health Science Center at Houston. *Discussant: Michaela West, MD, PhD, FACS, FCCM*

Glutamine-Supplemented Parenteral Nutrition May be Associated with Increased Insulin Resistance in Surgical ICU Patients. Kaushik Mukherjee (New Member Award, Sawyer Award) presenting, Loma Linda University Medical Center. *Discussant: Dante Yeh, MD*

Healthcare-Associated Infections (HAIs) in Elderly Trauma Patients. Jennifer Rickard (New Member Award) presenting, University of Minnesota. *Discussant: John E. Mazuski, MD, PhD, MCCM*

Meta-Analysis of Antibiotic Prophylaxis of Facial Fractures Managed by Open Reduction/Internal Fixation (ORIF). Sebastian Schubl (New Member Award) presenting, University of California - Irvine. *Discussant: Vanessa P. Ho, MD, MPH*

No Increased Risk of Osteomyelitis Associated with Long Bone Shaft Fractures. Areg Grigorian (New Member Award, Resident Award, Sawyer Award) presenting, University of California - Irvine. *Discussant: Michele M. Loor, MD*

Pulmonary Complications Following Emergency Craniotomy Versus Craniectomy For Acute Subdural Hematoma In Severe TBI. Nasim Ahmed presenting, Jersey Shore University Medical Center. *Discussant: Nimit Patel, MD, FACS*

SPRINT Methodology as a Basis for Developing an Antimicrobial Stewardship Program in a Trauma Surgery Service Line. Candance Jefferson, presenting, Harris Health System. *Discussant: Addison K. May, MD*

**17:45-18:30 Council Meeting #2 (By invitation)**

**19:00-21:00 Awards Banquet**

**21:00 ADJOURNMENT**

**Boardroom**

**Ballroom A&E**