



44TH ANNUAL MEETING

May 13-14, 2025 | Loews Hotel | Philadelphia, PA

FULL PROGRAM



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. Summarize results on the latest research relevant to the diagnosis and treatment of surgical infections
3. Illustrate the correct use of antimicrobials for empiric treatment of sepsis in surgical patients
4. Examine elements of Quality in Surgery
5. Recognize the current controversies in the diagnosis and treatment of surgical infections
6. Evaluate the use of antimicrobials for a set course in the treatment of surgical infections
7. Discuss recent developments in the study of cellular and molecular mechanisms in the pathogenesis of surgical infections

DISCLOSURE INFORMATION In accordance with the ACCME Accreditation Criteria, the American College of Surgeons must ensure that anyone in a position to control the content of the educational activity (planners and speakers/authors/discussants/moderators) has disclosed all financial relationships with any commercial interest (termed by the ACCME as “ineligible companies”, defined below) held in the last 24 months (see below for definitions). Please note that first authors were required to collect and submit disclosure information on behalf all other authors/contributors, if applicable.

The ACCME also requires that ACS manage any reported conflict and eliminate the potential for bias during the educational activity. Any conflicts noted below have been managed to our satisfaction. The disclosure information is intended to identify any commercial relationships and allow learners to form their own judgments. However, if you perceive a bias during the educational activity, please report it on the evaluation.

Ineligible Company: The ACCME defines an “ineligible company” as any entity producing, marketing, re-selling, or distributing health care goods or services used on or consumed by patients. Providers of clinical services directly to patients are NOT included in this definition.

Financial Relationships: Relationships in which the individual benefits by receiving a salary, royalty, intellectual property rights, consulting fee, honoraria, ownership interest (e.g., stocks, stock options or other ownership interest, excluding diversified mutual funds), or other financial benefit. Financial benefits are usually associated with roles such as employment, management position, independent contractor (including contracted research), consulting, speaking and teaching, membership on advisory committees or review panels, board membership, and other activities from which remuneration is received, or expected.

Conflict of Interest: Circumstances create a conflict of interest when an individual has an opportunity to affect CME content about products or services of an ineligible company with which he/she has a financial relationship.

Commercial Promotion Acknowledgement

The Surgical Infection Society wishes to recognize and thank the following companies for their commercial promotion towards this educational activity.

CONTINUING MEDICAL EDUCATION CREDIT INFORMATION

Accreditation

This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of 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 **11.25 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 **11.25 credits** meet the requirements for Self-Assessment.



DAY 1 – TUESDAY 13TH MAY

8:00am – 8:50am Mini-Oral Session I

Moderators: Laura Kreiner & TBD

Abstract MO1: “The Relationship Between Length of Stay and Increased Infection Rates in Trauma Patients with a Delay in Hospital Discharge.” Presenter: Michael Alchaer (Post-Doctoral Research Associate) – Washington University St. Louis

Abstract MO2: “Prodromal Phase of Infection Associated with Hypocoagulability, Acute Phase with Hypercoagulability based on Thromboelastography and Platelet Mapping”. Presenter: Monica Patten (Resident, Sawyer Award) – Western Michigan University

Abstract MO3: “Outcomes and Predictors of Fungal Necrotizing Soft Tissue Infections” Presenter: Courtney Collins (Resident)

Abstract MO4: “Diverticulitis in Pregnancy: A National Readmissions Database Study”. Presenter: Dayle Colpitts (Resident)

Abstract MO5: “Presence of Hypoalbuminemia Blunts the Obesity Paradox in Emergency General Surgery Outcomes.” Presenter: Patrick Kennedy – Ohio State

Abstract MO6: “Efficacy of Short vs. Long Course Antibiotics in Treatment of Hinchey 3 and 4 Diverticulitis” Presenter: Jason Beckermann

Abstract MO7: “Impact of Induction Agents on CMV Infection and Seroconversion in Pediatric Renal Transplant Recipients, an Analysis of UNOS Data from 2000-2024.” Presenter: Alejandro Navarro

Abstract MO8: “Assessing the Gap: SIS Guidelines vs. Real-World Antibiotic Use in Facial Fractures.” Presenter: Ahmad El Nouiri (Resident, Sawyer Award)

Abstract MO9: “Infection: A Major Contributor to Anemia of Critical illness” Presenter: Monica Patten (Resident, Sawyer Award) – Western Michigan University

Abstract MO10: “Predictors of Methicillin-Resistant Staphylococcus Aureus in Necrotizing Soft Tissue Infections.” Presenter: Courtney Collins (Resident) – Ohio State

8:00am – 8:50am Mini-Oral Session II

Moderators: Christie Buonpane & TBD

Abstract MO11: “Time Matters: Early Video-Assisted Thoracoscopic Surgery Reduces the Risk of Post-Operative Empyema in Patients with Thoracic Trauma” Presenter: Marco Henriquez

Abstract MO12: “Retained Hemothorax and Empyema After Trauma: Predictive Factors and Cost”. Presenter: Kassandra Samuel (Resident)

Abstract MO13: “Is Social Vulnerability Associated with Surgical Site Infections in Trauma Patients?” Presenter: Mokunfayo Fajemisin (Resident)

Abstract MO14: “Readability of Infection-Related Patient Education Materials” Presenter: Parker Towns

Abstract MO15: “Understanding the Risk of Infection after Ultra Massive Blood Product Transfusion” Presenter: Zachary Grady

Abstract MO16: “The Impact of a Novel Microbicidal Elastomeric Liquid Polymer (Preventogen) on Surgical Site Infections in Patient Undergoing Surgery” Presenter: Hachem Bey

Abstract MO17: “Reduced wound contamination of a chlorhexidine gluconate (CHG) containing surgical incise drape using an ex vivo porcine skin incisional model.” Presenter: Shazia Siddiqui

Abstract MO18: “Is mobility after trauma laparotomy associated with surgical site infections?” Presenter: William Rieger

Abstract MO19: “Utility of Serum (1,3)- β -D-glucan in Diagnosing and Treating Fungal Infections in Patients with Burn Injury” Presenter: Salma Hassan

Abstract MO20: “Corticosteroids in Trauma Patients: Impact on Outcomes and Infection Risk” Presenter: Ameera Mazranny

DAY 1 – TUESDAY 13TH MAY

8:55am – 9:40am Mini-Oral Session III

Moderators: Margarita Elloso & TBD

Abstract MO21: “Investigating microbial mitigation for surgical incision sites using UV-C” Presenter: Benjamin Robertson

Abstract MO22: “Utility of Abdominal MRI in Pediatric Patients with Suspected Appendicitis Who Undergo Non Diagnostic Ultrasound in a Low Resource Setting” Presenter: Anna Willingham

Abstract MO23: “The Use Of A Novel Microbicidal Liquid Polymer (Preventogen) To Reduce Tunneled Hemodialysis Catheters Infections In Patients Receiving Hemodialysis” Presenter: Samir Awad

Abstract MO24: “Burn Sepsis Epidemiology and Outcomes in Adults and Older Adults: A Single-Centre Cohort Study” Presenter: Diana Julia Tedesco

Abstract MO25: “Risk of CMV Infection and Seroconversion in Kidney Transplantation in adults; an analysis of induction over time.” Presenter: Jason Perlmutter

Abstract MO26: “The amazing world of obligate anaerobic Gram positive cocci: a critical analysis of 598 infectious episodes in the era of MALDI-TOF MS” Presenter: Hugo Bonatti

Abstract MO27: “Intensive time travel: Clinical characteristics of early and late bronchoscopic cultures in intubated medical and surgical ICU patients” Presenter: Alyssa Douville

Abstract MO28: “Multidisciplinary Facial Fracture Antibiotic Prophylaxis Guideline Failed to Reduce Antibiotic Recommendations or Administration” Presenter: Terra Hill

Abstract MO29: “Spectrum of pathogens associated with foot infections: review of 178 episodes from a rural hospital” Presenter: Rachel Tuer

8:55am – 9:40am Mini-Oral Session IV

Moderators: Robel Beyene & TBD

Abstract MO30: “Destinations and Methodologic Quality of Surgical Infections Research in Major Surgical Journals” Presenter: Caitlin Egan

Abstract MO31: “Surgical Management and Post operative Morbidity in Abdominal Tuberculosis Patients” Presenter: Perwira Widiyanto

Abstract MO32: “Rare but devastating infection: Graft Infections of Thoracic Aortic Repair Grafts” Presenter: Alexander Harper

Abstract MO33: “Infections caused by the emerging anaerobic surgical pathogen *Finnegoldia magna*: review of 212 cases” Presenter: Hugo Bonatti

Abstract MO34: “Incidence of Surgical Site Infections in Indigenous Populations of the United States and Canada: A Scoping Review” Presenter: Fabrizio Darby

Abstract MO35: “Insights into the microbiology profile of patients with complicated intra-abdominal infections (cIAI) in a tertiary center in Indonesia” Presenter: Indah Jamtani

Abstract MO36: “Exploring Diagnostic Criteria for Post-operative Infectious Endocarditis in Pediatric Patients with Congenital Heart Disease” Presenter: Swetha Sriramoju

Abstract MO37: “Antibiotic Prophylaxis in Gastrointestinal Surgery: Balancing Efficacy and Resistance” Presenter: Ragy Beshay

Abstract MO38: “A series of 16 *Pasteurella* spp bite wound infections with review of 65 infectious episodes caused by *Pasteurella* spp and 28 consecutive human and animals” Presenter: Anne Sescleifer

DAY 1 – TUESDAY 13TH MAY

9:45am – 10:30am Fellowship Update Symposium State of the Art
Moderator: Dante Yeh

“Primer on Phage Therapy” Presenter: Dr. Mayur Narayan

“History of Antibiotics” Presenter: TBD

10:30am – 10:45am Break

10:45am – 12:00pm Scientific Session I: Presentations 1-5
Moderators: Marc Jeschke & Heather Evans

Abstract 01: “Impact of Donor Microbiota on the Efficacy of Fecal Microbiota Transplantation in a Mouse Model of Lethal Bacterial Infection” Presenter: Rebecca Meltzer (Resident, Sawyer Award) – University of Chicago

Discussant: Michaela West

Abstract 02: “Outcomes by race and ethnicity in two different care models for acute appendicitis”. Presenter: Leo Andrew Benedict – University of Missouri-Kansas City

Discussant: Anne Stey

Abstract 03: “Biomarkers for Predicting Burn-Sepsis in Younger Adults and Older Adults: A Single-Centre Cohort Study. Presenter Fadi Khalaf – Hamilton Health Sciences, McMaster University

Discussant: Tina Palmieri

Abstract 04: “Initial SBO Management Pathway Drives Deep Surgical Site Infection Occurrence” Presenter: Lewis Kaplan – Perelman School of Medicine, University of Pennsylvania

Discussant: TBD

Abstract 05: “The Effect of Ketone Bodies and Lipid Nanoparticles on Lethal Infection” Presenter: Gelilla Daniel (Resident, Sawyer Award) – University of Missouri, Kansas City

Discussant: Matthew Rosengart

12:00pm – 1:00pm Lunch

1:00pm – 2:00pm Equity Tableside Panel
Speakers: TBD

2:00pm – 3:00pm Presidential Address
“Creativity: How to Make the Impossible, Possible”



Marc Jeschke, MD, PhD, FACS, FCCM, FRCS(C)

Vice President, Research and Chief Scientific Officer, Hamilton Health Sciences

Senior Scientist and the Director of the Ross Tilley Burn Center at Sunnybrook Health Science Center

DAY 1 – TUESDAY 13TH MAY

3:00pm – 3:15pm Break

3:15pm – 4:00pm Fellowship Update Symposium
[Year in Review](#)



**Basic Science –
Title TBD**
Speaker TBD



Clinical – Title TBD
Christopher Guidry



**“Management of
infected hernia”**
Speaker TBD

4:00pm – 5:15pm Scientific Session II: Presentations 6–10
[Moderators: Gregory Beilman & Lillian Kao](#)

Abstract 06: “Impact of Whole Blood Resuscitation on Infection Risk in Trauma Patients Undergoing Surgery for Hemorrhage Control” Presenter: Justin Dvorak – Case Western Reserve University School of Medicine

Discussant: TBD

Abstract 07: “Necrotizing Enterocolitis is Associated with Elevated Iron Levels and Toxic Lipid Radicals in Neonatal Intestinal Tissue” Presenter: Grant Gershner (Resident) – The University of Oklahoma Health Sciences

Discussant: Jeffrey Upperman

Abstract 08: “Race impacts the incidence of complicated appendicitis with abscess in urban populations but not in rural populations”. Presenter: Saba Ilkhani (Resident) – Brigham and Women's, Mass General

Discussant: Heather Evans

Abstract 09: “Quick and Short: The Impact of Time to Surgery and Operative Duration on Infection Risk in Emergency Surgery.” Presenter: Yasmin Arda

Discussant: Robert Sawyer

Abstract 10: “Age is Not an Indication: Antibiotics for Urinary Tract Infections in Geriatric Trauma Patients” Presenter: John Austin (Resident) – University of California, San Diego

Discussant: Donald E. Fry

5:15pm – 6:15pm Annual Business Meeting
[\(SIS Members Only\)](#)

DAY 2 – WEDNESDAY 14TH MAY

8:00am – 9:00am Scientific Session III: Oral Presentations 11–15

Moderators: Allison Berndston & Elliot Williams

Abstract O11: “Against Medical Advice but Not Infection: The Readmission Ramifications of Leaving AMA after Trauma Care.” Presenter: Fabiana Sanchez – Washington University St. Louis

Discussant: Laura Haines

Abstract O12: “The Impact of Chronic Steroids on Post-Operative Infectious Complications in Emergency versus Elective General Surgery; a Nationwide Analysis.” Presenter: Vahe Panossian

Discussant: April Mendoza

Abstract O13: “Characterizing Cytokine Profile for Enhancement of Early Prediction of Burn-Induced Sepsis.” Presenter: Zachary Ricciuti – Hamilton Health Sciences, McMaster University

Discussant: Jeffrey Shupp

Abstract O14: “Pathogen-induced coagulopathy: the role of pathogen-derived virulence factors in the development of clinically significant coagulopathy.” Presenter: Jessica Cao (Resident, Sawyer Award) – University of Chicago

Discussant: Kevin Mollen

Abstract O15: “Role of Antifungals in Gastrointestinal Perforations due to Penetrating Trauma: A Sub-group Analysis of the FUNGUS Multicenter Trial.” Presenter: Vahe Panossian (Resident Award) – University California San Francisco

Discussant: Patricia Martinez-Quinones

9:00am – 10:00am A Path Toward Precision Medicine for Sepsis

Moderators: Marc Jeschke & TBD



Laurie Kilpatrick



Gary An



Isaiah Turnbull

10:00am – 10:15am Break

10:15am – 11:15am Translating Back to the Bedside

Updates of Guidelines from Therapeutics and Guidelines committee

“Commercialization and innovation in sepsis care – translating from the bench to the bedside.”

Presenter: Dr. Younger

Updates of Guidelines from Therapeutics and Guidelines committee

“Surgical Infection Society Guidelines for Use of Antimicrobial Coated Suture to Reduce the Risk of Surgical Site Infection after Abdominal Surgery.” Presenter: Joseph Forrester

“Surgical Infection Society Guidelines on the Prevention and Management of Pediatric Intra-Abdominal Infection: 2025 Update.” Presenter: Jared Huston

DAY 2 – WEDNESDAY 14TH MAY

11:15am – 12:00pm Stanford and Louise Blake Lectureship

Moderators: David Blake & TBD

“Care of surgical Infections in the Austere environment.” Presenter: TBD

Abstract MO39: “Antibiotic Guidance in Open Pelvic Fractures: Beyond Gustilo Anderson.” Presenter – Andrea Gochi

12:00pm – 1:00pm Lunch

1:00pm – 2:00pm Scientific Session IV: Oral Presentations 16–20

Moderators: Brett Tracy & Jessica Weaver

Abstract O16: “Malnutrition in Emergency General Surgery Patients: Does Its Impact Differ by Procedural Risk Level?” Presenter: Manuel Castillo-Angeles (Resident)

Discussant: Lewis Kaplan

Abstract O17: “Microbiota Transplant Therapy Significantly Reduces Pathogenic Intestinal Bacteria Following Colorectal Surgery.” Presenter: Alexander Troester

Discussant: Robert Keskey

Abstract O18: “Did we cause that colon surgical site infection (SSI) or was it PATOS (present at time of surgery)?” Presenter: Lillianne Stanitsas

Discussant: Kellie Cunningham

Abstract O19: “Antibiotic Stewardship in Acute Appendicitis.” Presenter: Abby Gross

Discussant: Dalya Ferguson

Abstract O20: “Emergency Cesarean Section Preoperative Antibiotic Prophylaxis: Opportunities for improvement.” Presenter: Gabriela Cortese (Non-Doctoral) – Denver Health Medical Center, University of Colorado School of Medicine

Discussant: TBD

2:00pm – 3:00pm Altemeier Address

Title TBD



Sara Cosgrove, MD, MS

Professor of Medicine, Division of Infectious Diseases
Johns Hopkins University School of Medicine

3:00pm – 3:15pm Break

DAY 2 – WEDNESDAY 14TH MAY

3:15pm – 4:15pm

Scientific Session V: Oral Presentations 21-25

Moderators: Rondi Gelbard & Sabrina Sanchez

Abstract O21: "The Impact of Immunosuppressive Therapy in Outcomes following Emergency General Surgery: A Nationwide Analysis." Presenter: Manuel Castillo-Angeles

Discussant: TBD

Abstract O22: "A Comparison of Survivors and Non-Survivors of Burn-Related Sepsis." Presenter Maria Fernanda Hutter

Discussant: Lauren Nosanov

Abstract O23: "Are Fewer Damage Control Laparotomies Associated with a Decrease in the Rate and Severity of Surgical Site Infections?" Presenter: Stephanie Martinez Ugarte

Discussant: TBD

Abstract O24: "When Meth Meets MRSA - Challenges in Treating Skin and Soft Tissue Infections." Presenter: TBD

Discussant: Justin Dvorak

Abstract O25: "Use and reporting of statistics and statistical methods in the Surgical Infections Journal." Presenter: Matthew Kwasnik (Non-Doctoral Award) – Brown University

Discussant: Jeffrey Claridge

4:20pm – 5:20pm

Mini-Oral Session V

Moderators: April Mendoza & TBD

Abstract MO42: "Microbial Profile and Antibiotic Sensitivity in Obstructive Jaundice: Insights from a Single-Center Study." Presenter: Hana Ayu Shafira

Abstract MO43: "Instillation negative pressure wound therapy (NPWTi) for open abdomen (OA) management in complicated intra-abdominal infections (cIAI): A literature review." Presenter: Karina Tarayona (Resident)

Abstract MO44: "A Series of Soft Tissue Infections due to the Rare Pathogen Myroides." Presenter: Hugo Bonatti

Abstract MO45: "Ascariasis during corrective Roux-en-Y hepaticojejunostomy." Presenter: Cristina Botero Fonnegra

Abstract MO46: "Eubacterium limosum: an elusive pathogen causing surgical infections." Presenter: Hugo Bonatti

Abstract MO47: "A rare case of melioidosis presenting as myositis in Sri Lanka." Presenter: Sanura Vithana (Resident, New Member)

Abstract MO48: "Possibilities of controlled laparotomy in the treatment of widespread purulent peritonitis complicated by abdominal sepsis." Presenter: Alisher Okhunov

Abstract MO49: "Rare in the Air: Disseminated Coccidiomycosis in an Immunocompetent Patient." Presenter: Nicole Siparsky

Abstract MO50: "Necrotizing fasciitis - a model of an extreme condition in clinical practice." Presenter: Alisher Okhunov

DAY 2 – WEDNESDAY 14TH MAY

4:20pm – 5:20pm Mini-Oral Session VI

Moderators: Christopher Guidry & Andrew Stephen

Abstract MO51: "Damage Control Packing: How Long Can It Stay?" Presenter: Jihun Cha

Abstract MO52: "Preventing Surgical Site Infections with Intradermal Antibiotics." Presenter: Dow Stough (New Member)

Abstract MO53: "Severe Group A Streptococcal Toxic Shock Syndrome after Total Thyroidectomy." Presenter: Sarah Lucente

Abstract MO54: "NPWT Management of Burst Abdomen in Pancreatic Juice Leak Following Distal Pancreatectomy Complicated by Tuberculosis." Presenter: Indah Jamtani

Abstract MO55: "Necrotizing Fasciitis Associate with Small Bowel Perforation During Liposuction and Brazilian Butt Lift." Presenter: Michael Cooper

Abstract MO56: "Treating abdominal surgical site infection using NPWT in Abdominal Tuberculosis Patient: A case report." Presenter: Perwira Widiyanto (New Member)

Abstract MO57: "Championing Sterilization and Disinfection: The Surgeon's Critical Role in Assuring the Delivery of Quality Instruments to the Sterile Field." Presenter: James Davis

Abstract MO59: "Surgical Site Infections in Pediatric Patients with Diabetes Mellitus." Presenter: Ragy Beshay

Abstract MO60: "Utility of a C-Reactive Protein (CRP) Declination Curve for Detecting Misadventure after Enterocutaneous FistulaTakedown." Presenter: Renceh Flojo

6:30pm – 8:30pm Banquet and Awards Ceremony

THANK YOU TO OUR SPONSORS & EXHIBITORS

GOLD

GOLD



SILVER



BRONZE



SURGICAL INFECTIONS

Mary Ann Liebert, Inc.  publishers

COFFEE
BREAK
SPONSOR





44TH ANNUAL MEETING

May 13-14, 2025
Loews Hotel,
Philadelphia, PA