



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 the American Academy of Orthopaedic Surgeons and the Musculoskeletal Infection Society.

The American Academy of Orthopaedic Surgeons is accredited by the ACCME to provide continuing medical education for physicians.

The American Academy of Orthopaedic Surgeons designates this live activity for a maximum of **4.75 AMA PRA Category 1 Credits™**. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Objectives

Upon completion of this educational activity, learners should be able to:

- Discuss the most recent CDC Guidelines for prevention of surgical site infections and their rationale.
- Better manage the clinical issues related to the care of musculoskeletal infections in people who inject drugs and how to respond to these issues.
- Understand the clinical importance of quantitatively significant reduced antimicrobial susceptibility of pathogens in tissue-based bacterial biofilms.

8:00 am – 8:05 am **Welcome, Disclosures**
Barry D. Brause, MD

8:05 am – 9:15 am **Session I: Best Research Presentations – Part 1**

Moderator: Alex C. McLaren, MD

8:05 am – 8:15 am **Staphylococcus aureus Genomic Variation Impacts Clinical Severity of Illness Phenotype of Children with Acute Hematogenous Osteomyelitis**
Lawson A. Copley, MD

8:15 am – 8:25 am **Marker to Guide Reimplantation after Two-stage Exchange Arthroplasty for Periprosthetic Joint Infection: A Meta-analysis**
Yong Seuk Lee, MD

8:25 am – 8:35 am **Clinical Evaluation of the Alpha Defensin Test in Diagnosing Prosthetic Joint Infections**
Hernan A. Prieto, MD

8:35 am – 8:45 am **Assessment of Musculoskeletal Infection Society (MSIS) Diagnostic Criteria as Predictors of Treatment Success in Hip Arthroplasty Infections Treated with Two-Stage Exchange**
Andy O. Miller, MD

8:45 am – 8:55 am **Are All Periprosthetic Infections Equal? Effect of Major Versus Minor Criteria and Patient Outcomes**
Ahmed Siddiqi, DO

8:55 am – 9:05 am **Sonication of Antibiotic Spacers does not Predict Recurrence after 2-stage Revision Arthroplasty for Infection**
Adam Olsen, MD

9:05 am – 9:15 am **Discussion**

9:15 am – 10:05 am **Session II: Symposium: CDC Prevention of SSI Guidelines: Inside Information**

Moderator: Barry D. Brause, MD

Speaker: Sandra Berrios-Torres, MD

10:05 am – 10:15 am **Break**

10:15 am – 11:15 am **Session III: Best Research Presentations – Part 2**

Moderator: Antonia F. Chen, MD, MBA

10:15 am – 10:25 am **Efficacy and Dose Response of Vancomycin Powder within a Mouse Model of Spinal Implant Infection**
Gideon Blumstein, MD, MS

10:25 am – 10:35 am **PNDJ Hydrogel Provides High, Sustained Antimicrobial Levels by Local Delivery**
Alex C. McLaren, MD

10:35 am – 10:45 am **Development and Evaluation of a Preoperative Treatment Success Calculator for Periprosthetic Joint Infection**
Michael Kheir, MD

10:45 am – 10:55 am **Hepatitis C Viral Load and Total Joint Arthroplasty**
Marcus DiLallo

10:55 am – 11:05 am **Risk Adjustment is Necessary in Value Based Outcomes Models for Infected Total Knee Arthroplasty**
P. Maxwell Courtney, MD

11:05 am – 11:15 am **Discussion**

11:15 am – 11:45 am **Session IV: Symposium: Musculoskeletal Infections in People who Inject Drugs**

Moderator: Sandra B. Nelson, MD

Speaker: Eric L. Smith, MD

Moderator: Javad Parvizi, MD

Speakers: *Barry D. Brause, MD; Antonia F. Chen, MD, MBA; Alex C. McLaren, MD; Sandra B. Nelson, MD; Douglas R. Osmon, MD; Steven K. Schmitt, MD; Bryan D. Springer, MD and Aaron J. Tande, MD*

12:45 pm – 4:00 pm Lunch on Own, Free Afternoon to attend other Specialty Day meetings

Saturday, March 10, 2018
Morial Convention Center
Theater C

4:00 pm – 5:00 pm

American Shoulder and Elbow Surgeons and Musculoskeletal Infection Society Combined Session

Joshua S. Dines, MD, ASES Program Co-Chair
Joaquin Sanchez-Sotelo, MD, PhD, ASES Program Co-Chair
Antonia F. Chen, MD, MBA, MSIS Program Co-Chair



4:00 pm – 5:00 pm **ASES/MSIS Combined Specialty Day Meeting**

Moderators: Andrew Green, MD (ASES) and Antonia F. Chen, MD, MBA (MSIS)

4:00 pm – 4:10 pm	Propionibacterium acnes: What Surgeons Need to Know <i>Sandra Nelson, MD (MSIS)</i>
4:10 pm – 4:20 pm	Shoulder Infection Work-Up: New Tests on the Horizon <i>Grant E. Garrigues, MD (MSIS)</i>
4:20 pm – 4:30 pm	A Critical Analysis of One-Stage vs. Two-Stage Reimplantation in Shoulder Arthroplasty <i>Thomas R. Duquin, MD (ASES)</i>
4:30 pm – 4:40 pm	Periprosthetic Elbow Infections: A Completely Different Animal! <i>Mark P. Figgie, MD (ASES)</i>
4:40 pm – 5:00 pm	Discussion
5:00 pm	Meeting Adjourn