

35th Annual Open Scientific Meeting August 1-2, 2025 Jersey City, NJ

Agenda

Friday, August 1, 2025 Hudson Ballrooms

Third Floor

6:30-9:00am Breakfast

7:00am Registration

Hudson Pre-Function

7:45am Welcome

Andy Miller, MD, MSIS President

SESSION I ANTIBIOTICS AND DIAGNOSIS

Moderators: Vinay Aggarwal MD, and Jenny Aronson, MD

8:00am Cefazolin and the R-1 Side Chain: Why Your Joint Arthroplasty Patients with

Cephalosporin Allergy Can Safely Be Given Cefazolin (#1533)

Josef Jolissaint, Katherine Mallet, Andrew Thomson, Alberto Carli, Matthew Austin

8:06am Postoperative Oral Antibiotics Continues to Increase in Prevalence without

Associated Improvements in One-Year Periprosthetic Joint Infection Rates (#1509)

Joshua Rainey, Brenna Blackburn, Christopher Pelt, Jeremy Gililland,

Lucas Anderson, Michael Archibeck, Laura Certain

8:12am PJI Treatment and the Emergence of Antimicrobial Resistance: A Retrospective

Cohort Study (#*1490*)

Andy Miller, Andrew Thomson, Mia Fowler, Ananya Alleyne, Michael Henry,

Alberto Carli

8:18am Prosthetic Joint Infection due to Candida Species: What Affects Outcome of

Treatment? (#1581)

Martin McNally

8:24am Discussion

8:30am Machine Learning Can Be Fine-Tuned to Match Different Criteria-Based

Definitions of PJI (#1468)

Jim Parr, Krista Toler, Van Thai-Paquette, Pearl Paranjape, Alex McLaren,

Carl Deirmengian

Development and Validation of a Synovial Fluid Machine-Learning Score for PJI,

with Clinical Verification in an External Cohort (#1472)

Jim Parr, Krista Toler, Van Thai-Paquette, Pearl Paranjape, Yale Fillingham,

Alex Mclaren, Carl Deirmengian

8:38am Sonication Aids in Diagnosis and Treatment of Prosthetic Joint Infection (#1583)

Alfredo Puing, Thilinie Bandaranayake, Anne Spichler, Ilda Molloy, Adam Winter,

David Peaper, Marjorie Golden

8:44am Rapid Detection and Differentiation of PJI-Relevant Pathogens in Enriched

Synovial Fluid via Voc Sensing (#1396)

Xiaonao Liu, Derese Getnet, Robert Hopkins, Taejun Ko, Deyu Liu, Jennifer Dootz,

Buyu Yeh, Subramaniam Somasundaram, Mya Wilkes, Krista Toler

8:50am Discussion

Symposium 1 Advanced Topics in Antibiotics for Bone and Joint Infections

Moderator: Alaina Ritter, MD

9:00am Personalized Antibiotic Therapy: The Role of Therapeutic Drug

Monitoring in Orthopedic Infections

Lisa Vuong, PharmD, Infectious Diseases Clinical Specialist

UF Health Shands Hospital, Gainesville, FL

Intra-osseous Vancomycin in Arthroplasty

Stephen Incavo, MD, Orthopaedic Surgeon Houston Methodist Hospital, Houston, TX

European Perspectives on Antibiotics for Bone and Joint Infections

Jaap Hanssen MD, Internal Medicine and Infectious Disease Leiden University Medical Center, Leiden, The Netherlands

10:15am Break

Hudson Pre-Function Visit Exhibitors

Visit ePosters and Physical Posters (1411, 1416, 1437, 1450, 1462, 1463, 1466,

1478, 1487, 1535, 1556, 1565)

Session II FRACTURE AND SPINE

Moderators: Jeremy Shaw, MD, and Michael Henry, MD

10:45am Prevalence of Occult Infections in Primary Posterior Instrumented Spinal

Fusion (#1558)
Celeste Abjornson

10:51am Outcomes of Septic Long Bone Nonunions: Which Organisms are Associated with

Poorer Results? (#1457)

Kathryn Barth, Robert Bilodeau, Heather Haeberle, Mark Megerian, Craig

Klinger, Gregory Schimizzi, William Ricci

10:57am Safety and Efficacy Testing for the First of its Kind, FDA Approved, Commercially

Available Antibacterial Surface Treatment for Permanent Limb Salvage and Spine

Stabilization Implants (#1528)

Celeste Abjornson

11:03am Negative Pressure Wound Therapy Reduces Deep Infection Rate versus

Conventional Wound Dressings for Gustilo Type II/III Open Lower Extremity

Fractures: A Meta-Analysis (#1574)

Justin Le, Nicholas Moscardelli, Zeshan Fahim

11:09am Discussion

11:15am Armed to the Teeth: Fight Bite-Associated Native Joint Septic Arthritis of the Hand

Differs from Other Forms of Septic Arthritis (#1549)

Lauren Whearty, Stephen J McBride

11:21am Can We Validate the Musculoskeletal Infection Society Criteria in Patients

Suspected of Infection After Transfemoral Osseointegration Surgery? (#1526) Ashley Anderson, Julio Rivera, Sarah Rabin, Jason Souza, Benjamin Potter,

Jonathan Forsberg

11:27am Toward Defining Optimal Antibiotic Duration in Spinal Implant Infections: Insights

from a Multicenter Study (#1399)

Don Bambino Geno Tai, Jessica O'Neil, Sandra Nelson, Daniela De Lima Corvino, Alaina Ritter, Jenny Aronson, Laura Certain, Alexander Tatara, Aaron

Tande, Jessica Seidelman For SPIRIT Study Group

11:33am Discussion

Symposium 2 Advances in Osteomyelitis and Fracture Related Infection

Moderator: Elizabeth Robilotti, MD

11:40am Patient-Friendly Surgery in FRI

Martin McNally, MD MBCHB, Orthopaedic Surgeon

Oxford University Hospitals, Oxford, UK

Preventing Fracture-Related Infections: Turning Evidence into Impact

Ashley Levack, MD, Orthopaedic Surgeon Loyola University Medical Center, Maywood, IL

Diagnosing Fracture-Related Infection: What We Know, What We

Question, What Comes Next

I. Leah Gitajn, MD, Orthopaedic Surgeon

Dartmouth Hitchcock Medical Center, Lebanon, NH

12:50pm **Lunch** *Hudson Ballrooms* Box Lunch

Visit Exhibitors and Posters

Session III HIP AND KNEE 1

Moderators: Anne Sullivan, MD, and Talha Riaz, MD

1:50pm Colonoscopy within 6 Months before TKA May Be Associated with Worse

Postoperative Outcomes, but Not Infection: A National Database Analysis (#1441)

Khaled Elmenawi, Shujaa Khan, Ignacio Pasqualini, Anabelle Visperas,

Matthew Deren, Viktor Krebs, Robert Molloy, Nicolas Piuzzi

1:56pm Failure Rates Significantly Decrease at 1.2 Years after Two-Stage Exchange for

Chronic Periprosthetic Joint Infection of Total Knee Arthroplasty (#1366)

Michael Shannon, Scott Rothenberger, Victoria Wong, Kenneth Urish

2:02pm International Success and Failure of the Treatment of Periprosthetic Knee Infection:

A Preliminary Report (#1410)

International Success and Failure of the Treatment of Periprosthetic Hip Infection:

A Preliminary Report (#1409)

Carlos Higuera Rueda, **Jesus Villa**, Jesse Otero, Thomas Fehring, Cade Shadbolt, Craig Aboltins, Yves Poy Lorenzo, Michelle Dowsey, Sina Babazadeh, Orthopaedic

Device Infection Network (ODIN)

2:10pm Discussion

2:16pm Early Periprosthetic Joint Infection after Total Joint Arthroplasty is a Risk Factor

for New Onset Mental Health Disorders (#1564)

Daisuke Furukawa, Alvaro Ayala

2:22pm Cost of Antibiotic Loaded Cement to Prevent Prosthetic Joint Infections in Primary

Total Joint Arthroplasty Procedures. (#1560)

Kelly Guerin, Travis Larsen, Michael Henry, Eytan Debbi, Alberto Carli,

Elizabeth Robilotti

Antibiotic Loaded Cement Does Not Prevent Periprosthetic Joint Infection in

Primary Hip and Knee Arthroplasties. (#1520)

Travis Larsen, Joseph Nguyen, Andy Miller, Peter Sculco, Alberto Carli,

Elizabeth Robilotti

2:30pm Resurface it or Respect it? Reassessing Patellar Resurfacing in Two-Stage Revision

for PJI (#1538)

Josef Jolissaint, Andrew Thomson, Peter Sculco, Alberto Carli

2:36pm Discussion

Symposium 3 My Trickiest Case

Moderator: Poorani Sekar, MD

Panelists: Sandra Nelson, MD, Nicolas Piuzzi, MD, Peter Sculco, MD Jessica Seidelman, MD, Aaron Tande, MD, Kenneth Urish, MD PhD

2:45pm Case Presentations:

Ana Salas Vargas, MD, Infectious Disease Houston Methodist Hospital, Houston, TX

Peter Sculco, MD, Orthopaedic Surgeon Hospital for Special Surgery, New York, NY

Alison Lastinger, MD, Infectious Disease

West Virginia University, Granville, West Virginia

3:45pm Break

Visit Exhibitors

Visit ePosters and Physical Posters (1465, 1491, 1496, 1501, 1502, 1504, 1519,

1525, 1534, 1542, 1586)

HIP AND KNEE 2 Session IV Moderators: Johannes Plate, MD, and Laura Damioli, MD Aspirin Leads, Infection Falls: A 12 Year Review of Changing Antithrombotic 4:15pm Trends and Their Impact on Infection Risk after THA (#1508) Antithrombotic Therapy and Their Association with PJI Risk after TKA: A 12-Year Review (#1506) Anzar Sarfraz, Benjamin Padon, Farouk Khury, Kush Attal, Joshua Rozell, Ran Schwarzkopf, Vinay Aggarwal 4:23pm Surgeon vs. Center Volume: Who Really Affects Infection Rates in Total Hip Arthroplasty? (#1536) Josef Jolissaint, Andrew Thomson, Alexandra Grizas, Andy Miller, Geoffrey Westrich 4:29pm Lower Limb Cellulitis in the 3 Months before Total Knee Arthroplasty Increases Risk of PJI and Infection-Related Complications (#1438) Lower Limb Cellulitis Three Months Before Total Hip Arthroplasty Increases Risk of PJI and Infection-Related Complications (#1440) Khaled Elmenawi, Shujaa Khan, Ignacio Pasqualini, Anabelle Visperas, Matthew Deren, Viktor Krebs, Robert Molloy, Nicolas Piuzzi Discussion 4:37pm 4:43pm A Standardized Dair Protocol Involving Specific Antiseptic Solutions Produces Promising Short-Term Results in Hip and Knee PJI (#1507) Peter Sculco, Allina Nocon, Mark Youssef, Bianca Nakar, David Mayman, Gwo-Chin Lee, Alberto Carli 4:49pm Double-Dair Protocol for Acute Periprosthetic Joint Infection: A 15-Year Institutional Experience (#1481) Saad Tarabichi, David Deckey, Carly Horne, Henry Clarke, Joshua Bingham,

Mark Spangehl

Effective Seven-Day Antibiotic Irrigation for Chronic PJI: 12-Month Results from

Two Prospective Randomized Comparative Studies (#1493)

Bryan Springer, Carlos Higuera-Rueda, Brian De Beaubien, Kevin Warner, Andrew Glassman, Hari Parvataneni, Kenneth Urish, Johannes Plate,

Edward Stolarski, Nicolas Piuzzi

5:01pm Discussion

5:10pm Member Survey: Alberto Carli, MD and Nicolas Cortes-Penfield, MD (non CME)

6:30 pm **President's Reception** *Manhattan Ballroom* Cocktails and Dinner

Manhattan Ballroom Cockt
Ninth Floor

4:55pm

Saturday, August 2, 2025

Hudson Ballrooms Third Floor

6:30-9:00am Breakfast

Visit Exhibitors and Posters

7:00am MSIS Business Meeting (MSIS members only) (non CME)

Hudson Ballroom

Special Presentations

7:45am Diagnosis of Postoperative Spine Infection

Jeremy Shaw, MD, Spine Surgeon Intermount Health, Salt Lake City, UT

Unified PJI Diagnosis

Thorsten Seyler, MD PhD, Orthopaedic Surgeon

Duke University, Durham, NC

Symposium 4 Transforming Ortho-ID Training: From local Curricula to National Tools

Moderator: Elizabeth Thottacherry, MD

8:15am **House Staff Education**

Jenny Aronson, MD, Infectious Disease Stanford Healthcare, Redwood City, CA

The Joint Approach: Podcast and Related Media

Jessica Seidelman, MD MPH, Infectious Disease

Duke University, Durham, NC

Johannes Plate, MD PhD, Orthopaedic Surgeon University of Pittsburgh, Monroeville, PA

The OrthoID Library

Don Bambino Geno Tai, MD, Infectious Disease University of Minnesota, Minneapolis, MN

Mayo's Musculoskeletal Infection Fellowship

Aaron Tande, MD, Infectious Disease

Mayo Clinic, Rochester, MN

Mentorship and Education in Surgical Training

Mathias Bostrom, MD, Orthopaedic Surgeon Hospital for Special Surgery, New York, NY Session V **BASIC SCIENCE** Moderators: Derek Amanatullah, MD, and Ashley Levack, MD 9:15am Proteomic Insight into Immune Pathways and Biomarker Discovery in Periprosthetic Joint Infection (#1392) Nicolas Piuzzi, Suan Sin Foo, Weigiang Chen, Thaddeus Stappenbeck, Anabelle Visperas 9:21am The Role of Staphylococcal Host Antibody Inhibition in Orthopaedic Device Infection (#1382) Abhinay Adlooru, Lauren Kemp, Walid Bibi, Antonia Chen, Alexander Tatara 9:27am Immunologic Markers of Dormant Infection Predict Infection Free Survival in Total Joint Replacements (#1386) Derek Amanatullah, Robert Manasherob, Shay Warren, Lyong Heo, Daisuke Furukawa, Stuart Goodman 9:33am Probe-Based Ultrasonication Effectively Removes Biofilm from Clinically Relevant Orthopedic Materials: An In-Vitro Proof of Concept (#1422) Matthew Shirley, Sarah Romereim, Bailey Fearing, Thomas Fehring, Jesse Otero 9:39am Discussion 9:45am Halicin Prevents Accumulation of Aminoglycoside-Induced Small Colony Variants of S. aureus (#1532) Allison Wintring, Jason Minnich, Akira Morita, Roman Natoli, Edward Greenfield 9:51am Inherently Anti-Staphylococcal Bone Cement (#1384) Lauren Kemp, Ivan Delgado Alvarado, Robert Tower, Alexander Tatara 9:57am Ex Vivo Antibacterial Efficacy of MDPB-Coated Cobalt Chromium Implants against Staphylococcus aureus and Staphylococcus epidermidis in Preventing Bacterial Contamination (#1499) Samuelson Osifo, Michael Shannon, Victoria Wong, Adrian Santana, Kenneth Urish, Gene Kulesha 10:03am Pretreatment with Vancomycin Prevents Biofilm Formation on Marlex Mesh Utilized in Revision Knee Arthroplasty (#1389) Christina Chao, Tyler Hoskins, Mohammed Hammad, Suenghwan Jo, Mathias Bostrom, Alberto Carli 10:09am Discussion 10:15am Break Visit Exhibitor Visit ePosters and Physical Posters (1385, 1394, 1398, 1445, 1510, 1539, 1546,

1551, 1553, 1568, 1585)

Symposium 5 Osseointegration and Infection

Moderator: Laura Certain, MD PhD

10:45am **Osseointegration Limb Replacement:**

A Radical Functional Solution for Chronic Infection

Robert Rozbruch, MD, Orthopaedic Surgeon Hospital for Special Surgery, New York, NY

Basic Science of Osseointegration: A Focus on Infectious Perspectives

Jason Hoellwarth, MD, Orthopaedic Surgeon Hospital for Special Surgery, New York, NY

Diagnosis and Management of Osseointegration-related infections

Michael Henry, MD, Infectious Diseases Hospital for Special Surgery, New York, NY

11:55am Hall of Fame Induction of Jeanette Wilkins, MD (non CME)

John Blaha, MD, Michael Patzakis, MD

12:05pm Introduction of Incoming President (non CME)

Presentation of Awards

Jon T. Mader Award; Jeanette Wilkins Award; Poster Award

Closing Remarks and Prize Drawing

Andy Miller, MD

12:20pm Adjourn

We look forward to seeing you again in 2026!

Physical Posters Friday AM Break

- [1411] Debridement, Antibiotics, and Implant Retention (DAIR) Within 48 Hours for Acute Knee Periprosthetic Joint Infection Does Not Improve Success Rate
- [1416] Choice of Perioperative Antibiotic Prophylaxis Does Not Impact Time to Fracture Related Infection
- [1437] Vitamin D Deficiency Does Not Increase the Risk of Infection Following Primary Total Knee, but May be Associated with Other Complications
- [1450] 30 Day Readmission Following Orthopaedic Hip & Knee Revision: Analysis of Patient, Surgical, and Portal Of Entry Characteristics
- [1462] An Unsustainable Reimbursement Model: A 12-Year Analysis Of Surgeon Compensation For Revision Total Hip Arthroplasty
- [1463] Intraosseous Vancomycin versus Intravenous Vancomycin in Unicompartmental Knee Arthroplasty
- [1466] Fungal PJI: Attenuated Host Response and Lower Diagnostic Scores
- [1478] Isolation of Multiple Positive Cultures at Resection Arthroplasty is A Predictor of Failure Following Reimplantation
- [1487] From Evidence to Action: The Prepare Trial'S Impact on Antiseptic Practice
- [1535] Posterior vs. Direct Anterior Approach in Revision THA: Equivalent Infection Rates Patient Risk Profile and Surgeon Comfort Should Drive Approach Selection
- [1556] Clinical Characteristics of Patients with Bone and Joint Surgical Specimens with Nontuberculous Mycobacteria Isolates Considered Non-Infections, From One Center 2019-2023
- [1565] Assessing Sterility of the Surgical Field During Septic and Aseptic Revision Arthroplasty

Physical Posters Friday PM Break

- [1465] The Shrinking Value of Septic Total Knee Revision Arthroplasty: 12 Years of Trends in Physician Reimbursement
- [1491] Is There Any Correlation between Elevations of Serum C-Reactive Protein and Synovial White Blood Cell Count and Differential?
- [1496] Does an Isolated Elevated ESR Value Warrant Further Work-Up for Periprosthetic Joint Infection Following Total Hip Arthroplasty?
- [1501] Reduced Reinfection Rate with Intraosseous Vancomycin Administration at Reimplantation in Two-Stage Exchange Knee Arthroplasty
- [1502] The Fate of Patients with Retained Spacers Following First Stage of Revision for Periprosthetic Joint Infection

- [1504] Research Culture Methods Improve Microbial Detection in Periprosthetic Joint Infections, Identifying 31% more Microbes than Clinical Workflows
- [1519] Incidence and Timing of Periprosthetic Joint Infection after Primary Total Hip and Knee Arthroplasty
- [1525] Histological Transition from Acute to Chronic Periprosthetic Joint Infection Occurs by Day 14 in A Mouse Arthroplasty Model
- [1534] Direct Anterior THA: Does Surgeon Volume or Surgical Center Drive Infection Risk
- [1542] Upholding the Standard: Cephalosporins in Perioperative Prophylaxis for Arthroplasties. A Systematic Review and Meta-Analysis.
- [1586] Treatment of Infected Femoral Shaft Non-Unions Using Ultrathin Silver-Polysiloxane-Coated Implants (Refect-Study)

Physical Posters Saturday AM Break

- [1385] Higher Opioid Use Associated With Two-Stage Exchange for PJI
- [1394] Reinfection Patterns Following Two-Stage Exchange for Periprosthetic Joint Infection
- [1398] Systemic Inflammatory Disease is Associated with Early Failure after Two-Stage Exchange Arthroplasty of the Hip and Knee
- [1445] The True Fate Of The 2-Stage Exchange For Infection
- [1510] PJIs Over a Decade: Are Organism Profiles Changing at US Referral Centers?
- [1539] Low Volume Total Knee Arthroplasty Surgeons & Infection Rates: Is it the Surgeon or the Center?
- 1546] DMARD Use is Not Associated with an Increased Risk of Revision in Patients with Rheumatoid Arthritis Undergoing DAIR for PJI
- [1551] Musculoskeletal Infection Pathway Implementation Improves Blood Culture Rates in Pediatric Acute Hematogenous Osteomyelitis
- [1553] Outcomes of One-Stage Infected Humerus Nonunion Repair in Patients with Prior Operative Fracture Fixation
- [1568] Do Synovial Fluid Parameters Predict DAIR Failure?
- [1585] Racial Disparity Affect the Incidence of Periprosthetic Joint Infection after Total Knee Arthroplasty

ePosters Monitor 1

- [1486] Diagnostic Accuracy of Sonication Fluid Culture in Acute and Chronic Periprosthetic Joint Infection
- [1571] Residual Bacterial Positivity after Implantation Does Not Impact Infection Control in PJI: Evidence from a Novel Intraoperative Culture Strategy
- [1477] Diagnostic Yield is Low for Atypical Cultures in Revision Total Joint Arthroplasty
- [1572] Diagnostic Accuracy of Synovial Fluid pH in Differentiating Periprosthetic Joint Infection from Aseptic Failure
- [1429] Evaluating the Association of Vitamin D Deficiency with Infection and Postoperative Complications after Aseptic Revision Total Knee Arthroplasty
- [1428] Evaluating the Association of Vitamin D Deficiency with Infection and Postoperative Complications after Aseptic Revision Total Hip Arthroplasty
- [1522] Surgical Stress and Physiologic Reserve Interact to Drive Postoperative Outcomes after Arthroplasty: A Data-Driven Framework for Risk Stratification
- [1430] Vitamin D Status Does Not Correlate with Infection Following Primary Total Hip Arthroplasty
- [1518] Analysis of Staphylococcus Species Distribution and Antimicrobial Resistance in Orthopedic Isolates at a Tertiary Care Center
- [1444] Incidence, Predictors, and Cost of Sepsis Following Septic TKA Revisions
- [1387] Use of Circulating Bacteriophage DNA To Rule Out Staphylococcal Infections
- [1540] Robotics and Navigation in TKA: Enhancing Precision without Compromising Infection Rates

ePosters Monitor 2

- [1375] Acute Local Irritation Potential of a Novel Citrate-Based Irrigation Solution for Total Joint Arthroplasty: An In Situ Evaluation in a Rabbit Model
- [1543] Fewer Infections, Fewer Returns: Glp-1 Agonists Improve Outcomes in Joint Arthroplasty
- [1482] Impact of Organism Profile on Ideal Timing of Reimplantation in Patients Undergoing Two-Stage Exchange Arthroplasty
- [1480] Time to Reimplantation: Waiting Longer May Increase the Risk of Subsequent Failure
- [1503] DAIR with Chronic Suppression versus Two-Stage Exchange with Complex Revision Components for Knee Periprosthetic Joint Infection
- [1578] Clinical Characteristics and Outcomes of Salmonella Osteomyelitis: A Systematic Review and Meta-Analysis of Individual Cases

- [1580] A Comparative Evaluation of Complication Rates after Total Knee Arthroplasty Across BMI Ranges
- [1412] Antecedent DAIR Failure Does Not Significantly Impair Success of Two-Stage Revision for Hematogenous Periprosthetic Joint Infection of Total Knee Arthroplasty
- [1388] Use of Bacterial Autofluorescence Technology in Prosthetic Joint Infection: A Proof-Of-Concept Study
- [1469] Are Opioids Overprescribed in Septic Revision Total Hip Arthroplasty? A National Database Prescription Analysis
- [1548] Operating Room Size Does Not Affect Periprosthetic Joint Infection Risk for Primary Hip and Knee Arthroplasty

ePosters Monitor 3

- [1552] A Single Tertiary-Care Center Experience Using Vertical Rectus Abdominis Myocutaneous Flap in the Management of Complex Periprosthetic Joint Infections of the Hip
- [1550] Lower Socioeconomic Status is Associated With Higher Rates of Loss To Follow-Up And Incomplete Antibiotic Adherence in Pediatric Acute Hematogenous Osteomyelitis
- [1584] Tapping Our Resources: Do Preoperative Aspirations Add Diagnostic Value?
- [1452] Local Injection of Vancomycin in Arthroplasty: A Systematic Review and Meta-Analysis of Primary and Revision Cases
- [1413] Local Fracture Conditions and Systemic Circulatory Factors Correlate with Host Cell Attachment to Implants
- [1579] A Comparative Evaluation of Complication Rates after Total Hip Arthroplasty Across BMI Ranges
- [1537] Navigating Infection Risks: The Safety and Efficiency of Robotic Techniques in THA
- [1523] Smoking as a Modifiable Risk Factor of Prosthetic Joint Infection in Total Joint Arthroplasty: A Single Center Retrospective Review
- [1467] Evaluating Opioid Prescribing Practices in Septic Revision Total Knee Replacement
- [1427] Meniscectomy Before Total Knee Arthroplasty Increases the Risk of All-Cause Revision and Revision for Infection: A National Database Analysis
- [1435] Fracture Related Infections of the Lower Extremity: Risk Factors for Treatment Failure

ePosters Monitor 4

- [1529] Infection Outcomes Following Single- and Two-Window Posterolateral Approach for Ankle Fracture Fixation
- [1495] Economic Impact And Clinical Benefits Of Intraosseous Injections In Total Knee Arthroplasty
- [1426] Pharmacokinetics and Pharmacodynamics of Bacteriophage Therapy in the Management of Infections: A Scoping Review
- [1541] Two-Stage Exchange for Hip PJI Remains Effective Amid Evolving Microbial and Stewardship Trends
- [1570] Orthopedic Hand Infections: A 10 Year Review of Cases from Southern Arizona
- [1562] Superficial Hypersensitivity Reactions to Dermabond and Subsequent Outcomes Following Primary Total Hip and Knee Arthroplasty: A Single Surgeon Case Series
- [1401] Purpureocillium Lilacinum Proximal Interphalangeal Joint Infection in an Immunocompetent Patient: A Case Report and Review of Literature
- [1456] Results of an Early Showering Protocol Following Orthopaedic Trauma Surgery
- [1588] Arthrodesis to Avoid Amputation in Patients with Massive Bone Loss Due to Infection at the Knee: a Single Institution Review
- [1576] Acute Bacterial Septic Arthritis of an Osteoarthritic Hip, in Elderly Infirm Patients, Can be Treated with Custom Made Articulating Spacer (CUMARS) Instead of Washout. A 13 Month Follow Up Of 6 Patients.