



AGENDA

Annual Meeting Co-Chairs

Brett Freedman, MD, Mayo Clinic

Paul Lafferty, MD, Twin Cities Orthopedics

Nancy Luger, MD, Hennepin County Medical Center

Heritage Lecturer: Creating a Path to Wellbeing - Pandemic and George Floyd

David Rothenberger, MD

Professor, Colon and Rectal Surgery

Department of Surgery

University of Minnesota Medical School

Presidential Lecture: You Think You Have a Better Idea. What Does it Take to get it Approved and Paid For?

David W. Polly, Jr., MD

Chief of Spine Service

Department of Orthopedic Surgery

University of Minnesota Medical School

Pain Management Presentation: This session fulfills 2.0 hours of Minnesota Board of Medical Practice Opioids requirement.

Cannabis Use in Pain Management

Stephen Dahmer, MD

Vireo Health

Orthopedic Surgery and the Opioid Crisis: Optimizing Discharge Opioid Prescriptions:

Tad Mabry, MD

Mayo Clinic

Nonpharmacologic and Implantable Options for Pain Management:

Maura S. Hartigan, MD

Twin Cities Orthopedics

Session 1: Pain Management

Complementary and Alternative Medicine for Postoperative Pain Control: A Systematic Review	<i>Ben Williams, MD</i>
Minimizing the Possibility of a 2nd Opioid Prescription to Reduce Long-Term Dependence	<i>Kelsey Wise, MD, OREF Award Recipient</i>
Pre- and Post-Implementation Comparison of Opioid Use and Early Pain Scores in Total Knee and Hip Arthroplasty Patients After Introduction of a Individualized Post-Discharge Taper	<i>Jerald Westberg, BA</i>

Session 2: Trauma

Functional Outcomes, Union Rates and Complications of the Anser Clavicle Pin at 1 Year: A Novel Intramedullary Device in Managing Midshaft Clavicle Fractures	<i>Paul Hoogervorst, MD</i>
Locked Plating of Geriatric Olecranon Fractures and Early Mobilization Leads to Low Fixation Failure in Patients Over the Age of 75	<i>Kelsey Wise, MD</i>
Cost Variation in Temporizing External Fixation of Tibial Plateau and Pilon Fractures: Is There Room to Improve?	<i>Bandeke Okelana, BA</i>
Can Decreasing Implant Costs Increase Net Reimbursement for Surgically Treated Ankle Fractures?	<i>Will Freking, MD</i>

Session 3: Arthroplasty

The Use of Core Decompression and Bone Marrow Aspirate Concentrate in the Management of Osteonecrosis of the Femoral Head	<i>Paul Hoogervorst, MD</i>
Determining the Minimum Clinically Important Difference Total Knee Arthroplasty using the Knee Osteoarthritis Outcomes Scores	<i>Brandon Kelly, MD</i>

Session 4: Sports

Expected Graft Diameter in ACL Reconstruction Using All-Inside Technique	<i>Ryan W. Hess, MD</i>
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Session 5: Foot and Ankle/General Interest

Do Higher OITE Scores Predict a Higher Likelihood of Passing ABOS Part I Examination? An Update with 2014 to 2018 Data: arriving today	<i>Erik Fritz, MD</i>
What is the Evidence Behind the US News and World Report Rating, and Does it Make us Better Surgeons?	<i>Smitha Mathews, MBBS</i>

Session 6: Spine

Effect of Tranexamic Acid Dosing on the Percent of Total Blood Lost During Adolescent Idiopathic Scoliosis Surgery	<i>Katherine Krenek, MD</i>
Motion-Preserving XLIF for Thoracolumbar Idiopathic Scoliosis	<i>Glenn Butterman, MD</i>
Acute Failure Mechanisms of S2-Alar-Iliac Screws for Pelvic Fixation in Adult Spinal Deformity	<i>Jose E. San Miguel, PhD, MD</i>
Degenerative Spondylolisthesis: Role of Sagittal Balance	<i>Gurmit Singh, MD</i>
The Effectiveness of a Free-Standing Lead-Shield in Reducing Spine Surgeon Radiation Exposure during Intraoperative 3-Dimensional Imaging	<i>Guy Guenther, MS-II</i>

Session 7: Pediatrics

Are Children Treated for ADHD At Risk for Short Stature? A Physcal Mouse Model	<i>Smitha Mathews, MBBS OREF Award Recipient</i>
Defining the Volume of Pediatric Musculoskeletal Infections and the Causative Pathogens Encountered by Pediatric Orthopedic Surgeons in the United States	<i>Jennifer Lane, MD</i>
Pregnancy Outcomes in Operative versus Nonoperative Scoliosis Patients at Mean 30 Year Follow-Up	<i>Lauren Swany, BA</i>
Intrathecal Baclofen Dosing Changes Post Spinal Fusion	<i>Kathryn DeFoe</i>

Session 8: Upper Extremity

Comparison of Splint Management Failure Rate for Mallet Injuries of the Small Digit versus Other Digits	<i>Michael Brush, BA</i>
Short-Term Complications Associated with Custom Glenoid Replacements in Complex Shoulder Arthroplasty	<i>David Matson, MD</i>
Measurement of Value in Rotator Cuff Repair (RCR): Patient-Level Value Analysis (PLVA) for the One-Year Episode of Care	<i>Kelsey Wise, MD</i>

POSTERS

Just Keep Swimming; the Search for Answers to Excessive Glenohumeral Joint Laxity Amongst Division I Swimmers: O.A. Silverson

Odontoid Fracture as Proximal Junctional Failure in Patients with Multilevel Spine Fusions: Bryan Ladd, MD

Does Anterior Vertebral Body Morphology Differ Based on Age and Gender? : Smitha Mathews, MBBS

Reliable Restoration of Sagittal Cervical Alignment with Hyper-lordotic ACDF Interbody Devices: Glenn Buttermann, MD

Expected Hamstrings Graft Diameter in ACL Reconstruction Using All-Inside Technique: Ryan Hess, MD

Splinting for Mallet Injury: Does Digit Matter?: Michael Brush, BA