

# NYU Langone Orthopedics at AAOS 2024

**FEBRUARY 12, 2024**

**ICL: Use of In-Office Nano Arthroscopy in Foot and Ankle Surgery**

John G. Kennedy, MD, MCh, MMSc, FFSEM, FRCS (Orth)

8:00–9:30 am, West, Room 3022

**For Fracture Nonunion: Crest is Best, Better than all the Rest when Put to the Test**

Kenneth Egol, Sanjit Konda, Philipp Leucht, Abhishek Ganta

8:04–8:08 am, South, Room 210

**Cannabidiol for Postoperative Pain Control after Arthroscopic Rotator Cuff Repair Demonstrates No Functional Deficits: 1-Year Follow Up of a Randomized Controlled Trial**

Michael J. Alaia, MD; Zachary Li, BA; Andrew S. Rokito, MD, FAAOS; Eoghan T. Hurley MD, PhD; Isabel Chalem, BS; Kinjal Vasavada, BA; Guillem Gonzalez-Lomas, MD; Laith M. Jazrawi, MD

8:58–9:02 am, West, Room 2007

**Symposium: Combined Lateral-Sided Knee Injuries: Repair, Reconstruct, or Augment?**

Michael J. Alaia, MD

11:00 am–12:30 pm, West, Room 2001

**Effect Technology has on Short-Term Outcomes in Total Hip Arthroplasty**

Alana M. Prinos, BS; Hayley E. Raymond, BA; Weston Buehring, BS; Omid S. Barzideh, MD, FAAOS; Morteza Meftah, MD; Matthew S. Hepinstall, MD, FAAOS

1:30–1:34 pm, West, Room 2001, Paper Presentation Number: 217

**ICL: Avoiding Pitfalls in Adult Spinal Deformity**

Themistocles Protopsaltis, MD

1:30–3:00 pm, South, Room 201

**ICL: Faculty at Table for Discussion**

Nader Paksima, MD, FAAOS, Sanjit Konda, MD

1:30–3:00 pm, West, Room 2002

**AAOS Best Paper Award: The Cost of Patient Comorbidities: Analyses of the Revenue, Costs and Contribution Margin of Total Knee Arthroplasty with Increased Comorbidity Profile**

Jeremiah J. Thomas, BS; Jonathan L. Katzman, BA; Alana M. Prinos, BS; Garrett Ruff, BS; Itay Ashkenazi, MD; Claudette M. Lajam, MD, FAAOS; Joshua C. Rozell, MD; Ran Schwarzkopf, MD, FAAOS

1:42–1:46 pm, West, Room 2001 Paper Presentation Number: 64

**Is It Getting More Expensive to Treat Patients with High Comorbidities? Financial Trends in Total Knee Arthroplasty from 2013 to 2021**

Jeremiah J. Thomas, BS; Garrett Ruff, BS; Itay Ashkenazi, MD; Jonathan L. Katzman, BA; Muhammad A. Haider; Armin Arshi, MD; Claudette M. Lajam, MD, FAAOS; Ran Schwarzkopf, MD, FAAOS

2:00–2:04 pm, West, Room 2001, Paper Presentation Number: 67

**Factors Associated with Postoperative Kyphosis and Loss of Range of Motion after Cervical Disc Replacement**

Abel De Varona Cocero, BA, Camryn P. Myers, BA, Constance Maglaras, PhD; Fares Ani, MD; Stephane Owusu-Sarpong, MD, Themistocles S. Protopsaltis, MD, FAAOS, Tina Raman, MD

3:34–3:38 pm, South, Room 210

**Dislocation Risk After Total Hip Arthroplasty is Lower with Robotic Assistance or Fluoroscopy Guidance**

Catherine Di Gangi, BS; Weston Buehring, BS; Morteza Meftah, MD; Omid S. Barzideh, MD, FAAOS; Patrick A. Meere, MD, FAAOS Ran Schwarzkopf, MD, FAAOS; Matthew S. Hepinstall, MD, FAAOS

3:34–3:38 pm, Ballroom 155, Paper Presentation Number: 386

**Evolution of Osteotomy Techniques over Time in Adult Cervical Deformity Surgery: Impact of New Technologies and Techniques on Patient Outcomes**

Andrew J. Schoenfeld, MD, FAAOS; Jamshaid Mir, MD; Jordan Lebovic, MD,MD, MBA, Peter G. Passias, MD, FAAOS, Peter S. Tretiakov, BS, Pooja R. Dave; Shaleen Vira, MD, FAAOS

4:09–4:13 pm, South, Room 210

**Are We Getting Better at Treating Adult Cervical Deformity? Complication Rate Trends Analysis in Adult Cervical Deformity Over 10 Years**

Djani Robertson, MD; Jamshaid Mir, MD, Jordan Lebovic, MD,MD, MBA, M. Burhan Janjua, MD; Matthew Galetta, MD; Nathan A. Lorentz, MD; Oluwatomi A. Lanre-Amos, MD; Pawel P. Jankowski, MD; Peter G. Passias, MD, FAAOS, Peter S. Tretiakov, BS, Pooja R. Dave; Shaleen Vira, MD, FAAOS; Stephane Owusu-Sarpong, MD, Virginie Lafage, PhD

4:17–4:21 pm, South, Room 210

**FEBRUARY 13, 2024**

**ICL: The High Energy Injuries of the Wrist: How to Manage these both Acutely and Definitively**

Ranjan Gupta, Jacques Hacquebord, John Bradford Hill, Babar Shafiq

8:00–9:30 am, West, Room 3006

**ICL: Knee Extensor Mechanism Reconstruction and Replacement Techniques for Chronic and Failed Repairs of the Quadriceps and Patellar Tendons: Knee Extensor Mechanism Reconstruction Part II: Quadriceps Advancement Flaps and Allografts**

Laith Jazrawi, MD, Michael Alaia MD

8:00–9:30 am, South, Esplanade Ballroom 154

**ICL: The future of analytics and artificial intelligence in the perioperative period**

Vinay Aggarwal MD

11:00 am–12:30 pm, South, Room 201

**ICL: Keys for Graft Selection, Tunnel Management, and Decision Making for Revision Anterior Cruciate Ligament Reconstruction**

Michael J. Alaia

11:00 am–12:30 pm, South, Esplanade Ballroom 154

**Symposium: Do all fractures need surgery? How do I decide?**

Nirmal Tejwani, MD

1:30–3:00 pm, South, Room 210

**Acute Total Hip Arthroplasty (THA) for Geriatric Acetabular Fractures has Similar 1-Year Outcomes Compared to THA for Femoral Neck Fractures and Hip Osteoarthritis**

Abhishek Ganta, MD, FAAOS; Lauren A. Merrell, BA; Manasa L. Kadiyala, BS; Vinay Aggarwal, MD; Sanjit R. Konda, MD, FAAOS; Kenneth A. Egol, MD, FAAOS

12:02–12:06 pm, West, Room 2020

**Kinesiophobia and Pain Catastrophizing Leads to Decreased Return to Sport following Autologous Chondrocyte Implantation but Does Not Affect Return to Work**

Jairo Triana, BS; Ariana Lott, MD; Eric J. Strauss, MD; Jordan Eskenazi, BS; Laith M. Jazrawi, MD, FAAOS; Michael J. Alaia, MD, FAAOS; Michael Buldo-Licciardi, BS; Naina Rao, BS; Nicole D. Rynecki, MD; Kirk A. Campbell, MD

3:30–3:34 pm, South, Esplanade Ballroom 155

**Expectations versus Reality to Return to Sport following Hip Arthroscopy: A Prospective Study**

Michael Buldo-Licciardi, BS; Zachary Li, BA; Edward S. Mojica, MD; Jairo Triana, BS; Luilly Vargas, MD, Michael R. Moore, BS; Naina Rao, BS, Thomas Youm, MD, FAAOS

3:42–3:46 pm, South, Esplanade Ballroom 155

## **FEBRUARY 14, 2024**

### **Case Presentation: Practical Advice for Early-career Surgeons for Managing Common Intraoperative Complications During Hip and Knee Arthroplasty**

Vinay Aggarwal, MD

8:00–9:30 am, West, Room 3003

### **Technical Skills: Tips and Tricks for Intraoperative Imaging of the Distal Radius**

Jacques Hacquebord, MD

8:00–9:30 am, West, Room 2004

### **ICL: How to Manage Fracture-Related Infection: Acute and Subacute Infection**

Sanjit Konda, MD

8:00–9:30 am, South, Room 202

### **Symposium: Hip-Spine Relationship: Surgical Approach**

Claudette M. Lajam, MD

8:00–9:30 am, West, Room 2001

### **ICL: Cartilage Injuries in the Ankle**

John G. Kennedy, MD

11:00 am–12:30 pm, West, Room 2004

### **The Effect of Postoperative Non-Steroidal Anti-Inflammatory Medications on Arthroscopic Glenoid Labral Repair: Clinical Outcomes and Return to Sport at Minimum 2-Year Follow Up**

Zachary Li, BA; Edward S. Mojica, MD; Eric J. Strauss, MD, FAAOS; Jairo Triana, BS; Jordan Eskenazi, BS; Laith M. Jazrawi, MD; Nathan A. Huebschmann, BA; Sharif Garra, MD; Kirk A. Campbell, MD

11:04–11:08 am, West, Room 2001

**Total Joint Arthroplasty Patients from Distressed Communities Return to Sports and Physical Activities at Lower Rates**

Armin Arshi, MD; Irfan A. Khan, ATC; Matthew Sherman, BS; Nicholas F. Cozzarelli, BS; Yale Fillingham, MD, FAAOS

12:06–12:10 pm, West, Room 2007

**OrthoDome: Lunate Reconstruction with Medial Femoral Trochlea Microvascular Free Flap**

Ali Azad, MD

1:30–3:00 pm, OrthoLive, West Hall

**Learning Curve for the Open Latarjet Procedure**

Mandeep Virk, MD Aidan Papalia, MD Andrew Cecora, MD Matthew Alben, MD Paul Romeo, MD Matthew Kim, MD

2:03–2:07 pm, West, Room 2007, Paper Number: 210

**Patient-Specific Acetabular Safe Zones in Total Hip Arthroplasty: External Validation of a Quantitative Approach to Preoperatively Templating Spinopelvic Parameters**

Antonia F. Chen, MD, MD, MBA, FAAOS; Jeffrey K. Lange, MD, FAAOS; Jonathan M. Vigdorichik, MD, FAAOS; Michael Pang; Prem N. Ramkumar, MD,MD, MBA; Ran Schwarzkopf, MD, FAAOS; Richard Iorio, MD, FAAOS

2:11–2:15 pm, South, Room 210

**FEBRUARY 15, 2024**

**Case Presentation: 38 Year Old Woman With Chest Pain and Troponin Elevation ICL: Difficult Proximal Femur and Shaft Fractures: Tips and Tricks: Difficult Subtrochanteric Femur Fractures**

Sanjit Konda, MD

8:00–9:30 am, South, Esplanade Ballroom 154

**What is the Amount of Coronal Correction Required in Adult Spinal Deformity Patients to Achieve Optimal Outcomes in Patients with Varying Degrees of Sagittal to Coronal Deformity?**

Andrew J. Schoenfeld, MD, FAAOS; Jamshaid Mir, MD; Jordan, Lebovic, MD, MD, MBA; Matthew Galetta, MD; Nathan A. Lorentz, MD; Peter G. Passias, MD, FAAOS, Peter S. Tretiakov, BS, Pooja R. Dave; Stephane Owusu-Sarpong, MD

8:00–8:04 am, West, Room 3000

**Achievement and Maintenance of Optimal Alignment following Adult Spinal Deformity Corrective Surgery: A 5-Year Outcome Analysis**

Andrew J. Schoenfeld, MD, FAAOS; Daniel B. Chen; Jamshaid Mir, MD, Matthew Galetta, MD; Peter G. Passias, MD, FAAOS, Peter S. Tretiakov, BS, Pooja R. Dave; Renaud Lafage, MS, Lenox Hill Hospital; Virginie Lafage, PhD

8:04–8:08 am, West, Room 3000

**Structural Versus Non-structural Graft Use in Corrective Osteotomy for Distal Radius Malunion**

Hilary Campbell, Matthew Duenes, Jaehon M Kim, David G Dennison, Matthew Thomas Kingery, Ali Azad

8:04–8:08 am, South, Esplanade Ballroom 153

**How to Make Ends Meet: A Risk Assessment for Pseudarthrosis and Cost-Benefit Analysis of BMP-2 in Adult Spinal Deformity Surgery**

Djani Robertson, MD; Jamshaid Mir, MD; Jordan Lebovic, MD, MD, MBA, Peter G. Passias, MD, FAAOS, Peter S. Tretiakov, BS, Pooja R. Dave; Shaleen Vira, MD, FAAOS, Stephane Owusu-Sarpong, MD, Tyler K. Williamson, DO, MS

8:08–8:12 am, West, Room 3000

**Lower Hounsfield Units at the Planned Lowest Instrumented Vertebra is an Independent Risk Factor for Complications after Adult Cervical Deformity Surgery**

Andrew J. Schoenfeld, MD, FAAOS; Bailey T. Imbo, BA; Bassel Diebo, MD, Jamshaid Mir, MD; Jordan Lebovic, MD, MD, MBA, Justin S. Smith, MD, Oscar Krol, BA, Peter G. Passias, MD, FAAOS, Peter S. Tretiakov, BS, Pooja R. Dave; Rachel Joujon-Roche, BS; Salman Ahmad; Shaleen Vira, MD, FAAOS, Stephane Owusu-Sarpong, MD, Tyler K. Williamson, DO, MS

8:12–8:16 am, West, Room 3000

**If Not Now, When? A Comparative Analysis of Early-Term Versus Late-Term Complication Rates following Adult Spinal Deformity Surgery**

Jamshaid Mir, MD; Jordan Lebovic, MD,MD, MBA, NYU Orthopedics; Lauren Seo, MD, NYULI; Peter G. Passias, MD, FAAOS, Peter S. Tretiakov, BS, Pooja R. Dave; Rachel Joujon-Roche, Stephane Owusu-Sarpong, MD, Tyler K. Williamson, DO, MS

8:29–8:33 am, West, Room 3000

**Overcorrection in Sagittal Alignment Effect on Optimal Outcomes in Adult Spinal Deformity Patients**

Andrew J. Schoenfeld, MD, FAAOS; Jamshaid Mir, MD, Jordan Lebovic, MD,MD, MBA, Matthew Galetta, MD; Nathan A. Lorentz, MD; Peter G. Passias, MD, FAAOS, Stephane Owusu-Sarpong, MD, NYU Langone Orthopedic Hospital; Tyler K. Williamson, DO, MS

8:33–8:37 am, West, Room 3000

**Conservative Treatment of Isolated Medial Patellar Facet Cartilage Lesions in the Setting of Medial Patellofemoral Ligament Reconstruction: A Matched Cohort**

Study Sharif Garra, MD; Zachary Li, BA Allison Morgan, MD; Andrew Hughes, FRCS; Lilly Vargas, MD; Laith M. Jazrawi, MD; Eric J. Strauss, MD

8:58–9:02 am, South, Esplanade Ballroom 155

**ICL: Current Concepts: The Role of Biologics in the Management of Cartilage Lesions in the Ankle**

John G. Kennedy, MD

11:00 am–12:30 pm, West, Room 3001

**Factors Affecting Outcomes of Hindfoot Fusion Nails for Acute Injury: A Multicenter Study**

Kenneth Egol, MD

11:08–11:12 am, South, Room 210



**Use of Technology Improves Short-Term Clinical Outcomes in Total Knee Arthroplasty**

Benjamin Schaffler, MD; Jonathan L. Katzman, BA; Muhammad A. Haider; Weston Buehring, BS; Matthew S. Hepinstall, MD, FAAOS; Morteza Meftah, MD

11:29–11:33 am, West, Room 2001

**Variations in the Management of Zone 2 5th Metatarsal Fractures Based on Physician Specialty**

Kenneth Egol, MD, Sanjit Konda, MD, Abhishek Ganta, MD

11:33–11:37 am, South, Room 210

**ICL: Rethinking Cartilage Lesions in the Ankle: How to Get it Right: Current Concepts: The Role of Biologics in the Management of Cartilage Lesions in the Ankle**

Laith Jazrawi, MD, John Kennedy, MD

11:00 am–12:30 pm, West, Room 3001

**ICL: Neurovascular Compromise in Upper Extremity Surgery: How to Stay Safe in Tiger Country and What to do if Something Goes Wrong: Staying Safe in the Elbow and Forearm**

Abhishek Ganta, MD

1:30–3:00 pm, West, Room 3016

**ICL: Arthroscopic Augmented Techniques**

Guillem Gonzalez-Lomas, MD

1:30–3:00 pm, South, Esplanade Ballroom 154

**ICL: Management of Partial-Thickness Rotator Cuff Tears: What to Do if Physical Therapy is Not Working: Use of Injectable Biologics**

Alexander Golant, MD, Eric Strauss, MD, FAAOS

1:30–3:00 pm, South, Room 302

**Trimming the Risks: Weight Loss and its Effect on Obesity-Related Complications in Spine Fusion Surgery**

Abel De Varona Cocero, BA, Camryn P. Myers, BA, NYU Langone Health; Constance Maglaras, PhD; Fares Ani, MD; Themistocles S. Protopsaltis, MD, FAAOS, Tina Raman, MD

1:38–1:42 pm, South, Esplanade Ballroom 153

**Duration between Staged Bilateral Hip Arthroscopy Does Not Affect Outcomes in Patients with Femoroacetabular Impingement Syndrome**

Zachary Li, BA; Jairo Triana, BS; Matthew T. Kingery, MD; Michelle S. Shen, MD; Sharif Garra, MD; Thomas Youm, MD

2:03–2:07 pm, South, Esplanade Ballroom 155

**Assessing the Impact of Radiographic Realignment on Adult Spinal Deformity Patients with Sacroiliac Joint Pain at Presentation**

Djani Robertson, MD; Jamshaid Mir, MD; Jordan Lebovic, MD,MD, MBA, M. Burhan Janjua, MD; Matthew Galetta, MD; Nathan A. Lorentz, MD; Oluwatomi A. Lanre-Amos, MD, Pawel P. Jankowski, MD; Peter G. Passias, MD, FAAOS, Peter S. Tretiakov, BS, Pooja R. Dave; Shaleen Vira, MD, FAAOS, University of Texas Southwestern Medical Center; Stephane Owusu-Sarpong, MD, Virginie Lafage, PhD

2:18–2:22 pm, South, Esplanade Ballroom 153

**Clinically Important Differences are Often Not Achieved in Patient-Reported Outcomes for Robot-Assisted and Navigated Unicompartmental Total Knee Arthroplasty: A Systematic Review**

Alana M. Prinos, BS; David A. Bloom, MD; Kyle W. Lawrence, BS; Muhammad A. Haider; Vinaya Rajahraman, BS; Joshua C. Rozell, MD; Ran Schwarzkopf, MD, FAAOS; Armin Arshi, MD

2:40–2:44 pm, South, Room 210

**Younger Surgeons Have Higher Complication Rates in Spinal Deformity. How Can they Optimize the Outcomes?**

Abel De Varona Cocero, BA, Camryn P. Myers, BA, Constance Maglaras, PhD; Fares Ani, MD; Themistocles S. Protopsaltis, MD, FAAOS, Tina Raman, MD

2:47–2:51 pm, South, Esplanade Ballroom 153

**The Monitored Anesthesia Care-Soft Tissue Infiltration with Local Anesthesia Technique Decreases Incidence of Short-Term Postoperative Altered Mental Status in Older Hip Fracture Patients**

Kenneth Egol, MD Sanjit Konda, MD Abhishek Ganta, MD

3:30–3:34 pm, South, Esplanade Ballroom 155

**Socioeconomic Disparities in Online Patient Portal Utilization among Total Hip Arthroplasty Recipients**

Neel Vallurupalli, BA; Akram Habibi, MD; Joseph A. Bosco, MD, FAAOS; Kyle W. Lawrence, BS; Claudette M. Lajam, MD, FAAOS

3:42–3:46 pm, West, Room 2001

## **FEBRUARY 16, 2024**

**AOSSM/AANA Specialty Day Presentation: Patients with Bilateral ACL Reconstruction (ACLR) have 3x the Rate of Posterior Tibial Slope Greater than 12-Degrees Compared to Unilateral ACLR: MRI and Radiographic Evaluation**

Sharif Garra, MD; Zachary Li, BS; Jairo Triana, BS; Naina Rao, Michael J. Alaia, MD; Laith Jazrawi, MD

8:15–8:20 am, South, Esplanade Ballroom 155

## **POSTERS (E-POSTERS/POSTERS)**

**E-016 - Improved Accuracy of the Risk Assessment and Prediction Tool in Extended Length of Stay Patients Following Total Hip Arthroplasty**

Thomas R. Bieganowski, MD; David A. Bloom MD; David N. Kugelman MD; Jonathan L. Katzman BA; Joshua C. Rozell MD; Ran Schwarzkopf MD FAAOS; Roy Davidovitch MD FAAOS

**E-049- Patient Demographic Factors Affect Response Rates to Patient-reported Outcomes Measures for Total Hip Arthroplasty Patients**

Yixuan Tong, MD; Vinaya Rajahraman, BS; Casey Cardillo, BS; Hayley E. Raymond, BA; Rajan K. Gupta, BA; Joshua C. Rozell, MD; Roy Davidovitch, MD, FAAOS; Ran Schwarzkopf, MD, FAAOS

**E-077- Surgeons Experience Greater Physiologic Stress and Strain in Direct Anterior Approach than Posterior Approach for Total Hip Arthroplasty**

Irfan A. Khan, ATC; Itay Ashkenazi, MD; Nicholas F. Cozzarelli, BS; Claudette M. Lajam MD FAAOS; Joshua C. Rozell, MD; Ran Schwarzkopf, MD, FAAOS; Jess H. Lonner, MD, FAAOS

**E-085 - Factors Influencing Minimal Clinically Important Difference Attainment Following Total Hip Arthroplasty: A Comparative Analysis of Patient-Reported Outcomes**

Kareem Omran; Daniel Waren, MSPH; Hayley E. Raymond, BA; Ran Schwarzkopf, MD, FAAOS

**E-087 - Robot-Assisted Surgery Provides Greater Improvement in Patient-Reported Outcome Measures following Total Hip Arthroplasty**

Alana M. Prinos, BS; Emily M. Ronan; Weston Buehring, BS; Morteza Meftah, MD; Omid S. Barzideh, MD, FAAOS; Patrick A. Meere, MD, FAAOS; Matthew S. Hepinstall, MD, FAAOS

**E-093 - Anti-Diabetic Medications' Effect on Outcomes and Glycemic Markers Following Total Joint Arthroplasty**

Weston Buehring, BS; Benjamin Schaffler, MD; Casey Cardillo, BS; Muhammad A. Haider; Joshua C. Rozell, MD; Ran Schwarzkopf, MD, FAAOS

**E-094 - Increased Patient Body Mass Index is Associated with Increased Surgeon Physiologic Stress during Total Hip Arthroplasty**

Itay Ashkenazi, MD; Kyle W. Lawrence, BS; Alana M. Prinos, BS; Ittai Shichman, MD; Jonathan L. Katzman, BA; Joshua C. Rozell, MD; Claudette M. Lajam, MD, FAAOS; Ran Schwarzkopf, MD, FAAOS

**E-100 - Aspirin Prophylaxis is not Associated with Increased Risk of Venous Thromboembolism in Arthroplasty for Femoral Neck Fractures: A Non-inferiority Study**

Akram Habibi, MD; Andrew Brash, MD; Abhishek Ganta, MD, FAAOS; Armin Arshi, MD; Joshua C. Rozell, MD; Ran Schwarzkopf, MD, FAAOS

**E-107 - Post-Operative Pain Trajectories in Total Knee Arthroplasty: An Analysis of Patient Reported Outcomes**

Kareem Omran; Daniel Waren, MSPH; Hayley E. Raymond, BA; Ran Schwarzkopf, MD, FAAOS

**E-140 - Patients with Ostomies Undergoing Total Knee Arthroplasty are Not at Increased Risk of Revision or Periprosthetic Joint Infection**

Akram Habibi, MD; Casey Cardillo, BS; Charles C-T Lin, MD; Jonathan L. Katzman, BA; Matthew T. Kingery, MD; Utkarsh Anil, MD; Ran Schwarzkopf, MD, FAAOS; Roy Davidovitch, MD, FAAOS

**E-189 - Predictive Models for Informed Decision Making in Knee Arthroplasty**

Diaz Berenguer, PhD; Lipman A, MD, FAAOS; Pauwels, A MSc; Sahli H, PhD; Butler JJ; Kennedy JG, MD, MCh, MMSc, FFSEM, FRCS (Orth) Lebleu J, PhD, PT; Van Overschelde P, MD, Parratte S, DMed, PhD

**E-196 - Short-term outcomes of metaphyseal cones and stem fixation following rotating hinge revision total knee arthroplasty**

Diren Arsoy, MD, FAAOS; Graham S. Goh, MD; Gregory K. Deirmengian, MD, FAAOS; Juan D. Lizcano, MD; Meera Kohli, BA; Paul M. Courtney, MD, FAAOS

**E-207 - Harnessing Perioperative Data via Telemonitoring to Forecast Chronic Pain following Total Joint Arthroplasty**

Lipman A, MD, FAAOS, Pauwels A, Belbachir A, MD, Butler JJ, Kennedy JG, MD, MCh, MMSc, FFSEM, FRCS (Orth), Lebleu J, PhD, PT, Anract P, MD, Van Overschelde P, MD; Parratte S, DMed, PhD

**E-213 - Superior Rates of Return to Sport following Anterior Talofibular Ligament Repair Augmented with Suture-Tape compared to Anterior Talofibular Ligament Repair Alone: A Retrospective Comparative Study**

Butler JJ, MB, BCh, Randall GW, BS, Rettig S, MD, Azam MT, MD, Kennedy JG, MD, MCh, MMSc, FFSEM, FRCS (Orth)

**E-312 - Simultaneous versus Staged Bilateral Total Hip Arthroplasty – A Matched Cohort Analysis of Revenue and Contribution Margin**

Itay Ashkenazi, MD; Alana M. Prinos, BS; Jeremiah J. Thomas, BS; Vinaya Rajahraman, BS; Muhammad A. Haider; Joseph A. Bosco, MD, FAAOS; Roy Davidovitch, MD, FAAOS; Ran Schwarzkopf, MD, FAAOS

**E-347 - Rate of Positive Outcome Reporting in 2021 for an Academic Department of Orthopaedic Surgery**

Charles C-T Lin, MD, Pablo Castaneda, MD, Philipp Leucht, MD, FAAOS; Robyn A. Lipschultz, BA; Zachariah Samuel, BS

**E-361 - Relation to Primary Emergency Contact is Associated with Lengths of Stay, Discharge Disposition, and Revision Rates after Total Hip Arthroplasty**

Akram Habibi, MD; David A. Bloom, MD; Hayley E. Raymond, BA; Kyle W. Lawrence, BS; Muhammad A. Haider; Claudette M. Lajam, MD, FAAOS; Ran Schwarzkopf, MD, FAAOS

**E-399 - Treatment of Humeral Shaft Fractures (OTA Type 12): What the Patient Needs to Know for Shared Decision-Making**

Kenneth Egol, Sanjit Konda, Nicole Stevens

**E-487 - Cause and Effect of Revision Surgery: A Multicenter Study on Outcomes after Recurrent Adult Spinal Deformity Surgery as a Function of Etiology**

Alan H. Daniels, MD, FAAOS, Alexandra Soroceanu, MD; Bassel Diebo, MD, Breton G. Line, BS, Christopher Ames, MD; Christopher I. Shaffrey, MD, FAAOS, D. Kojo Hamilton, Dean Chou, MD; Douglas C. Burton, MD, FAAOS; Eric O. Klineberg, MD, FAAOS, Univ of California Davis; Frank J. Schwab, MD; Gregory M. Mundis, MD, FAAOS; Han Jo Kim, MD, FAAOS; International Spine Study Group; Jamshaid Mir, MD; Jeffrey Gum, MD, FAAOS; Jeffrey P. Mullin, MD, MBA, MD; Juan S. Uribe, MD, Justin K. Scheer, MD, Justin S. Smith, MD, Khaled M. Kebaish, MD, FAAOS, Lawrence G. Lenke, MD, FAAOS, Michael P. Kelly, MD, MSc, FAAOS, FAORTHA; Mitsuru Yagi, MD, PhD, Munish C. Gupta, MD, MD, MBA, FAAOS, Naobumi Hosogane, MD, Neel Anand, MD, FAAOS, Peter G. Passias, MD, FAAOS, Peter S. Tretiakov, BS, Pooja R. Dave; Praveen Mummaneni, MD, MBA, MD; Renaud Lafage, MS, Richard A. Hostin, MD, FAAOS; Robert S. Bess, MD, FAAOS; Robert K. Eastlack, MD, FAAOS; Robert A. Hart, MD, FAAOS, Stephen J. Lewis, MD, Themistocles S. Protopsaltis, MD, FAAOS, Virginie Lafage, PhD

**E-488 - Clinical and Radiographic Features that Distinguish Patients Undergoing LuMD, MBAR Pedicle Subtraction Osteotomy who attain Minimally Clinically Important Difference (MCID) in Functional Scores**

Alexandra Soroceanu, MD; Christopher Ames, MD; Christopher I. Shaffrey, MD, FAAOS D. Kojo Hamilton Darryl Lau, MD; Douglas C. Burton, MD, FAAOS, Eric O. Klineberg, MD, FAAOS, Fares Ani, MD; Frank J. Schwab, MD, Justin S. Smith, MD, Khaled M. Kebaish, MD, FAAOS, Johns Hopkins University; Michelle A. Zabat, BA; Munish C. Gupta, MD, MD, MBA, FAAOS.; Renaud Lafage, MS; Robert S. Bess, MD, FAAOS; Robert A. Hart, MD, FAAOS, Themistocles S. Protopsaltis, MD, FAAOS, Virginie Lafage, PhD

**E-489 - Comparative Analysis of Factors Associated with Achieving Clinical Improvement in Adult Spinal Deformity Patients after Reoperation for Junctional Failure, Instrumentation Failure, or Pseudoarthrosis**

Djani Robertson, MD; Jamshaid Mir, MD; Jordan Lebovic, MD, MD, MBA, M. Burhan Janjua, MD; Matthew Galetta, MD; Nathan A. Lorentz, MD; Oluwatomi A. Lanre-Amos, MD, Pawel P. Jankowski, MD; Peter G. Passias, MD, FAAOS, Peter S. Tretiakov, BS, Pooja R. Dave; Shaleen Vira, MD, FAAOS, Stephane Owusu-Sarpong, MD, Virginie Lafage, PhD

**E-491 - Predicting Good Outcomes after Adult Spinal Deformity Surgery: Analysis of Preoperative Symptoms with Optimal Radiographic Alignment and Patient Outcomes**

Jamshaid Mir, MD; Jordan Lebovic, MD,MD, MBA, Peter G. Passias, MD, FAAOS, Peter S. Tretiakov, BS; Pooja R. Dave; Renaud Lafage, MS, Virginie Lafage, PhD

**E-492 - Financial Impact of Complications in Adult Spinal Deformity Surgery: Cost Effectiveness Analysis of Outcomes**

Jamshaid Mir, MD; Jordan Lebovic, MD,MD, MBA, Matthew Galetta, MD; Nathan A. Lorentz, MD; Peter G. Passias, MD, FAAOS, Peter S. Tretiakov, BS, Pooja R. Dave; Renaud Lafage, MS, Shaleen Vira, MD, FAAOS

**E-493 - Preoperative Optimization of Modifiable Health Conditions Provides Incremental Benefit in Postoperative Outcomes for Adult Spinal Deformity**

Jamshaid Mir, MD; Jordan Lebovic, MD,MD, MBA, Matthew Galetta, MD; Peter G. Passias, MD, FAAOS, Peter S. Tretiakov, BS, Pooja R. Dave; Renaud Lafage, MS, Virginie Lafage, PhD

**E-494 - Longitudinal Comparison of Existing Frailty Indices to Predict Complications following Adult Spinal Deformity Surgery**

Andrew J. Schoenfeld, MD, FAAOS; Bailey T. Imbo, BA; Bassel Diebo, MD, Jamshaid Mir, MD; Jordan Lebovic, MD,MD, MBA, Justin S. Smith, MD, University of Virginia; Oscar Krol, BA, Peter G. Passias, MD, FAAOS, Peter S. Tretiakov, BS, Pooja R. Dave; Rachel Joujon-Roche, BS; Shaleen Vira, MD, FAAOS, Stephane Owusu-Sarpong, MD, Tyler K. Williamson, DO, MS

**E-495 - Should Knee Flexion be Accounted for in Spinal Deformity Surgery Planning?**

Fares Ani, MD; Gregory V. Perrier, MD; Lorenzo D. Deveza, MD, PhD; Themistocles S. Protopsaltis, MD

**E-540 - Development of a Modified Surgical Invasiveness Index for Minimally-Invasive Adult Spinal Deformity Surgery**

Djani Robertson, MD; Jamshaid Mir, MD; Jordan Lebovic, MD, Burhan Janjua, MD; Matthew Galetta, MD; Nathan A. Lorentz, MD; Oluwatomi A. Lanre-Amos, MD, Pawel P. Jankowski, MD; Peter G. Passias, MD, FAAOS, Peter S. Tretiakov, BS, Pooja R. Dave; Shaleen Vira, MD, FAAOS, Stephane Owusu-Sarpong, MD, Virginie Lafage, PhD

**E-547 - Durability of Substantial Clinical Benefit in Adult Spinal Deformity Corrective Surgery Patients: A Minimum 5-Year Outcomes Analysis**

Djani Robertson, MD; Jamshaid Mir, MD, Jordan Lebovic, MD,MD, MBA, M. Burhan Janjua, MD; Matthew Galetta, MD; Nathan A. Lorentz, MD; Oluwatomi A. Lanre-Amos, MD, Pawel P. Jankowski, MD; Peter G. Passias, MD, FAAOS, Peter S. Tretiakov, BS, Pooja R. Dave; Shaleen Vira, MD, FAAOS, Stephane Owusu-Sarpong, MD, Virginie Lafage, PhD

**E-555 - Incidental Durotomies: Does Surgeon Preference Affect Patient Outcomes?**

Abel De Varona Cocero, BA, Camryn P. Myers, BA, Constance Maglaras, PhD; Fares Ani, MD; Themistocles S. Protopsaltis, MD, FAAOS, Tina Raman, MD

**E-577 - Opioid Prescribing Patterns Following Rotator Cuff Repair: A Multi-Center Retrospective Analysis**

Asif Ilyas; Lorraine Hutzler; Qudratullah Qadiri; Saniago Rengifo; Tuandat Nguyen

**E-584 - Patients With Symptoms of Depression Demonstrate Low Achievement of the Patient Acceptable Symptom State After Hip Arthroscopy**

Charles C-T Lin, MD; Dhruv S. Shankar MD, BS; Zachary Li, BA; Jairo Triana, BS; Taylor Jazrawi, MPH, MS; Thomas Youm, MD

**E-589 - Humeral Head Fresh Osteochondral Allograft Transplantation (OCA) for Large Hill-Sachs Lesions in Patients with Recurrent Shoulder Instability: Results of mid-to long term follow-up.**

Ian S. Elliott, MD; Michael Buldo-Licciardi, BS; Andrew Hughes, FRCS; Jairo Triana, BS; Laith M. Jazrawi, MD; Michael R. Moore, BS; Sharif Garra, MD

**E-592 - Outcomes of SLAP Repair vs. Biceps Tenodesis of SLAP Lesions in Females: A Retrospective Review**

Adeeb J. Hanna, BS; Brandon Erickson, MD; John H. Sonnier, MD, MS; Matthew P. Wallingford; Meghan E. Bishop, MD; Michael G. Ciccotti, MD; Sommer Hammoud; Srinivas Kambhampati, FRCS; William L. Johns, MD

**E-597 - Patient Satisfaction With Postoperative Telemedicine Versus In-Office Visits After Hip Arthroscopy: A Prospective Observational Study Before and During the COVID-19 Pandemic.**

Dhruv S. Shankar MD, BS; Alexander R. Hoberman, MD; Anna Blaeser; Zachary Li, BA; Guillem Gonzalez-Lomas, MD; Thomas Youm, MD



**E-607 - The Influence of Tibial Length on Radiographic Posterior Tibial Slope Measurement: How Much Tibia Do We Need?**

Sharif Garra, MD; Ajay C. Kanakamedala, MD; Ian S. Elliott, MD; Zachary Li, BA; Jairo Triana, BS; Kirk A. Campbell, MD; Michael J. Alaia, MD; Eric J. Strauss, MD Laith M. Jazrawi, MD

**E-611 - Characterization of Bone Marrow Edema Patterns Among Patients with Second Fracture in the Setting of Acute Anterior Cruciate Ligament Injury: A Comparative MRI Study.**

Sharif Garra, MD; Erin F. Alaia, MD; Jordan Eskenazi, BS, Laith M. Jazrawi, MD; Lilly Vargas, MD, Michael J. Alaia, MD; Naina Rao, BS; Eric J. Strauss

**E-613 - Role of Synovial Fluid Cytokines in Assessing Long-Term Outcomes Following ACL Reconstruction**

Naina Rao, BS; Jairo Triana, BS; Lauren Schoof, MD; Matthew T. Kingery, MD; Eric J. Strauss, MD

**E-614 - Application of Survival Machine Learning Methodology to Predict Time-Dependent Risk of Revision ACL Reconstruction Graft Failure in the MARS Cohort.**

Kinjal Vasavada, MD; Laith Jazrawi, MD

**E-656 - Patients Who Undergo Bilateral Medial Patellofemoral Ligament Reconstruction Return to Sport at a Similar Rate as Those That Undergo Unilateral Reconstruction**

Zachary Li, BA; Ariana Lott, MD; Eric J. Strauss, MD; Jairo Triana, BS; Michael J. Alaia, MD; Naina Rao, BS; Samuel R. Montgomery, MD; Taylor Jazrawi, MPH,MS; Kirk A. Campbell, MD

**E-659 - Patients Who Undergo Tibial Tubercle Anteromedialization and Medial Patellofemoral Ligament Reconstruction Demonstrate Similar Psychological Readiness and Rates of Return to Sport to Those Who Undergo Isolated MPFL Reconstruction**

Sharif Garra, MD; Andrew Hughes; Jordan Eskenazi, BS; Kirk A. Campbell, MD, Laith M. Jazrawi, MD; Michael J. Alaia, MD, Samuel R. Montgomery, MD; Zachary Li, BA, Eric J. Strauss, MD

**E-663 - Adductor Canal Block versus Adductor Canal Block Plus Interspace Between the Popliteal artery and Capsule of the Posterior Knee Block for Post-Operative Analgesia Following ACL Reconstruction with Bone-Patellar Tendon-Bone Autograft: A Single-Blind, Randomized Controlled Study.**

Naina Rao, BS; David Furguele, MD; Jairo Triana, BS; Jovan Popovic, MD; Kirk A. Campbell, MD; Laith M. Jazrawi, MD; Michael J. Alaia, MD; Eric J. Strauss, MD

**E-687 - Effect of Timing on Outcomes of Free Flap Reconstruction Following Traumatic Injury to the Extremity: Systematic Review and Meta-Analysis**

Madeline Rocks, Meagan Wu, Sallie Yassin, Rebecca Nicholas, Ali Azad, Jacques Hacquebord

**E-689 - What's the Rush? Not All Patients Benefit Equally from Hip Fracture Repair within 24 Hours**

Kenneth Egol, Sanjit Konda, Abhishek Ganta

**E-711 - Zone 2 5th Metatarsal Fractures Treated Nonoperatively Have Similar Time to Healing to Those Treated Operatively**

Kenneth Egol, Sanjit Konda, Abhishek Ganta

**E-712 - Operative treatment of Jones fractures (Type 87,5.2A) is not associated with earlier clinical or radiographic healing**

Kingery MT, MD, Kadiyala ML, BS, Ganta G, MD, FAAOS, Leucht P, MD, FAAOS, Steven Rovero, MD, Walls RJ, MD, MBCHB, FRCS (Ortho), MRCS, Sanjit R. Konda, MD, FAAOS, Egol KA, MD, FAAOS

**E-726 - Do concomitant posterior malleolar fractures in the setting of tibial shaft fractures affect clinical outcomes?**

Kenneth Egol, Sanjit Konda, Abhishek Ganta

**E-741 - Integrated Dual Lag Screw Cephalomedullary Nails Are Associated with Higher Reoperation Rates vs Single Lag Screw Cephalomedullary Nails for Intertrochanteric Femur Fractures**

Philipp Leucht

**E-745 - Predictors of Failure in Reverse Obliquity Intertrochanteric Femur Fractures**

Philipp Leucht

**E-751 - Identification of fracture-related infections following operative repair of rotational ankle fractures**

Kenneth Egol, Sanjit Konda, Abhishek Ganta

**E-763 - Can Computed Tomography Hounsfield Units be Reliably Measured in the Setting of Proximal Humerus Fractures?**

Kenneth Egol, Sanjit Konda

**E-764 - Is Post-Operative Splinting Advantageous after Upper Extremity Surgery? Results from the Arm Splint Pain Improvement Research Experiment (ASPIRE)**

Kenneth Egol, Philipp Leucht

**E-765 - Predicting Proximal Humerus Fracture Mechanical Complications: Are Computed Tomography Hounsfield Units the Answer?**

Kenneth Egol, Nirmal Tejwani, Steven Rivero

**E- 769 - Tibial Plateau Fracture Surgical Care Utilizing Standardized Protocols Over Time: A Single Center's Longitudinal View**

Kenneth Egol, Sanjit Konda, Philipp Leucht, Abhishek Ganta, Steven Rivero

**E-770 - Volumetric Depression: A Better Predictor for Subsidence in Tibial Plateau Fractures**

Kenneth Egol, Sanjit Konda, Abhishek Ganta

**P-053 - An Updated Survey on Practice Patterns and Trends in the Surgical management of Thumb Carpometacarpal Arthritis - The Rising Popularity of the Suture Suspension Arthroplasty**

William Wang, MD, William Neal, MD, Steven Yang, MD

**P-102 - Five-Year Outcomes in Patients with Global Acetabular Retroversion following Hip Arthroscopy for Femoroacetabular Impingement Syndrome: A Matched Cohort Study**

Ian S. Elliott, MD; Zachary Li, BA; Berkcan Akpınar, MD; Dhruv S. Shankar MD; Kinjal Vasavada, BA; Thomas Youm, MD

**P-104 - Increased Risk of Femoral Neck Stress Fractures in Patients with Femoroacetabular Impingement Syndrome**

Berkcan Akpınar, MD; Brittany DeClouette, MD; Jairo Triana, BS; Nicole D. Rynecki, MD; Owen Gantz, MD; Sharif Garra, MD; Zachary Li, BA; Thomas Youm, MD

**P-114 - The Elbow is Connected to the Shoulder! A Regression Analysis of Shoulder and Elbow Adaptations in Professional Baseball Pitchers**

Alim Osman; Joseph Rauch, ATC, DPT; Levon N. Nazarian, MD; Michael G. Ciccotti, MD; Paul Bucheitt, ATC, MS; Ryan W. Paul, BS; Stephen Thomas, PhD; Steven B. Cohen, MD; Brandon Erickson, MD

**P-128 - Is Removal of Antibiotic Cement Delivery Devices for Orthopaedic Infection Necessary?**

Kenneth Egol, Sanjit Konda, Abhishek Ganta

**P-129 - Poorly Controlled Diabetic Hip Fracture Patients with Hemoglobin A1c >8.0 Should Not Undergo Arthroplasty Due to High Short and Long-Term Mortality Risk**

Kenneth Egol, Sanjit Konda, Abhishek Ganta

**P-130 - Poorly Controlled Diabetes: Glycosylated Hemoglobin (HA1c) Levels >8% are the Tipping Point for Significantly Worse Outcomes following Hip Fracture in the Middle-Aged and Geriatric Populations**

Kenneth Egol, Sanjit Konda, Abhishek Ganta

**P-139 - Should High-Risk Patients Seek Out Care from High-Volume Surgeons? An Analysis of 1,134 High-Risk Total Hip Arthroplasty Cases**

Jeremiah J. Thomas, BS; Casey Cardillo, BS; Hayley E. Raymond, BA; Itay Ashkenazi, MD; Joshua C. Rozell, MD; Kyle W. Lawrence, BS; Ran Schwarzkopf, MD, FAAOS

**P-211 - Bone-Marrow Stimulation for Arthroscopic Rotator Cuff Repair: A Meta-Analysis of Randomized Control Trials**

Eoghan T. Hurley, MD, PhD; Bryan Crook, MD; Christopher Klifto, MD; Jonathan F. Dickens, MD; Laith M. Jazrawi, MD; Oke A. Anakwenze, MD; Raffy Mirzayan, MD; Richard M. Danilkowicz, MD

**P-240 - The Utility of Stress Ultrasound in Identifying Risk Factors for Elbow Ulnar Collateral Ligament Rupture: A Longitudinal Study of 203 Professional Baseball Players**

Adeeb J. Hanna, BS; Brandon Erickson, MD; Hannah Popper, DO; John H. Sonnier, MD, MS; Robert A. Jack, MD; Srinivas Kambhampati, FRCS

**P-244 - Tranexamic Acid for Rotator Cuff Repair: A Systematic Review and Meta-Analysis of Randomized Controlled Trials**

Christopher Klifto, MD; Eoghan T. Hurley, MD, PhD; Jay M. Levin, MD; Joshua Kevin Helmkamp, MD; Kaitlyn A. Rodriguez, MS; Mark P. Karavan, BS; Michael J. Alaia, MD; Oke A. Anakwenze, MD, MBA

**P-256 - Regional Anesthesia is Safe for Use in Nailing of Tibial Shaft Fractures**

Kenneth Egol, MD, Sanjit Konda, MD, Abhishek Ganta, MD

## **ORTHOPEDIC VIDEO THEATER**

**OVT-010 (Award Winner) - High Tibial Osteotomy With Patient-Specific Instrumentation**

Charles Chun-Ting Lin, Samuel R Montgomery, Dylan T Lowe, Michael J Alaia, Laith M Jazrawi

**OVT-011 (Award Winner) - Chronic Proximal Tibiofibular Joint Instability: Cortical Button Fixation**

Lauren Schoof, Dylan T Lowe, Laith M Jazrawi, MD

**OVT-012 (Award Winner) - Proximal Tibia Anterior Closing Wedge Osteotomy With Revision Anterior Cruciate Ligament Reconstruction and Modified Lemaire Procedure Using Patient-Specific Instrumentation**

Sharif Garra, Dylan T Lowe, Ajay Chakravarthy Kanakamedala, Ian Savage Elliott, Laith M Jazrawi

**OVT-014 - Salvage Total Femur Replacement for Periprosthetic Joint Infection**

Akram Habibi MD, Joshua Rozell MD

**OVT025 - Sciatic Nerve and Common Peroneal Nerve Neurolysis**

Walter Sobba, Gerardo Sanchez, Victoria Comunale, Rebecca Nicholas, Philipp Leucht, Jacques Hacquebord

**OVT-026 - Simultaneous Extensor Mechanism Reconstruction and Primary Total Knee Arthroplasty**

Akram Habibi MD, Dylan Lowe MD, Vinay Aggarwal MD

**OVT-031 - Robotic-Assisted Restricted Kinematic Press-Fit Total Knee Arthroplasty: Using the Coronal Plane**

Akram Habibi MD, Morteza Meftah MD

**OVT-037 - Navigated Total Knee Arthroplasty Utilizing a Novel Medial Pivot Design**

Akram Habibi MD, Morteza Meftah MD

**OVT-48 - Neurolysis of the Sciatic Nerve with Removal of Suture at the Ischial Tuberosity**

Rebecca Nicholas, Flora Gonzalez, Dylan Lowe, Guillem Gonzalez-Lomas, Jacques Hacquebord

**OVT-060 - Excision of Glomus Tumor Using the Nail-Sparing Approach**

William Wang, Aurthur Roland Celestin, Dylan Lowe, Nader Paksima

**OVT-064 - Supraclavicular Brachial Plexus Neurolysis**

Rebecca Nicholas, Flora Gonzalez, Dylan Lowe, Matthew Gonzalez, Andrew Price, Jacques Hacquebord

**OVT-070 - Surgical Hip Dislocation for Synovial Chondromatosis**

Akram Habibi MD, Jaclyn Konopka MD, Diren Arsoy MD

**OVT-088 - Surgical Hip Dislocation and Femoral Head Osteochondral Allograft Transplantation**

Andrew Hughes, FRCS (Ortho); Christopher Colasanti, MD; Dylan T. Lowe, MD; Jairo Triana, BS; Pablo Castaneda, MD, NYU Orthopaedic Hospital; Thomas Youm, MD, FAAOS

**OVT-092 - Neurolysis of the Brachial Plexus with Nerve Grafting & Transfer**

Gerardo Sanchez, Walter Sobba, Victoria Comunale, Rebeca Nicholas, Andrew Price, Jacques Hacquebord

**OVT-101 - Surgical Fixation of Two-Part Proximal Humerus Fracture With a Short Proximal Humeral Nail**

Sanjit Konda, Abhishek Ganta

**OVT-113 - Modified Mclaughlin Procedure for Chronic, Locked Posterior Shoulder Dislocation**

Young Kwon

**OVT-123 - Medical Collateral Ligament Repair With Allograft Augmentation in Multiligamentous Knee Reconstruction**

Charles Chun-Ting Lin, Lawrence J Lin, Dylan T Lowe, Michael J Alaia

**OVT-124 - Open Repair of a Gluteus Maximus Tendon Rupture**

Lilly Vargas, Lauren Schoof, Dylan T Lowe, Guillem Gonzalez-Lomas

**OVT-125 - Multiligamentous Knee Injury With Biceps Femoris Avulsion and Common Peroneal Nerve Injury: Acute, Single-Stage Reconstruction of the Anterior Cruciate Ligament, Posterior Cruciate Ligament, and Posterolateral Corner**

Lauren Schoof, Nicole D Rynecki, Mackenzie Ann Roof, Dylan T Lowe, Spencer Matthew Stein, Michael J Alaia

**OVT-137 - Physeal Sparing Anterior Cruciate Ligament Repair With the Bridge-Enhanced Anterior Cruciate Ligament Restoration Implant**

Charles Chun-Ting Lin, Patrick Thomas Connolly, Dylan T Lowe, Robert J Meislin

**OVT-138 - Pectoralis Major Tendon Reconstruction With Multiple Achilles Tendon Allografts**

Charles Chun-Ting Lin, Michael Buldo-Licciardi, Dylan T Lowe, Guillem Gonzalez-Lomas, Laith M Jazrawi

**OVT-139 - Anterior Cruciate Ligament Allograft Reconstruction Augmented With a Reinforced, Bio-inductive Collagen Scaffold in the Setting of Multiligamentous Knee Injury and Lateral Meniscal Tear**

Andrew Sheng Bi, Andrew Hughes, Ian Savage Elliott, Nicole D Rynecki, Dylan T Lowe, Robert J Meislin

**OVT-146 - Repair of Partial Articular (Hoffa) Fracture of the Distal Femur Using a Posterolateral Approach**

Kenneth Egol, MD

**OVT-151 - Radial Head Fracture: Open Reduction and Internal Fixation With Tripod Technique**

Sanjit Konda, Abhishek Ganta

**OVT-152 - Posterior Sternoclavicular Joint Dislocation and Reconstruction**

Sanjit Konda, Abhishek Ganta

**OVT-153 - Scapular Fracture Open Reduction and Internal Fixation**

Sanjit Konda, Abhishek Ganta

**OVT-162 - Open Reduction and Internal Fixation of a Moore Type I Medial Tibial Plateau Fracture-Dislocation**

Kenneth Egol, Sanjit Konda, Abhishek Ganta

**OVT-163 - Surgical Release of Thigh Compartment Syndrome**

Sanjit Konda, Abhishek Ganta