

The American Academy of Orthopedic Surgeons (AAOS) has grown to become the world's largest medical association of musculoskeletal specialists serving more than 39,000 members worldwide, and conducts an Annual Meeting with approximately 30,000 participants attending from across the globe.

**OCRI is honored to have been selected to share research results at this prestigious meeting.**

## **Research presented at the 2018 Annual Meeting March 6-10 New Orleans, LA**

### **Podium Presentations:**

- Betamethasone versus Ketorolac Injection for the Treatment of De Quervain's Tenosynovitis: A Double-Blind Randomized Clinical Trial. Kruse LM , Gaston RG, Loeffler BJ, Lewis DR, Chadderdon, RC
- Comparing Treatments for Anterior Cruciate Ligament Injury with Meniscal Tear: A Cost Effectives Analysis of Concomitant Meniscal Repair versus Partial Meniscectomy. Lester J, Rogers M, James E Fleischli
- Thumb Carpometacarpal Arthroplasty in Young Patients. Buck J, Bracey JW, Tait MA, Gaul JS, Chadderdon RC, Osier LK, Ward WA, Gaston RG.  
Resident: Buck
- The Prevalence of Rotator Cuff Pathology In the Setting of Acute Proximal Biceps Tendon Rupture. Vestermark GL, Van Doren BA, Piasecki DP, Connor, PM, Fleischli JE, Hamid N.  
Resident: Vestermark
- Opioid Free Total Shoulder Arthroplasty. Leas D, Van Doren BA, Schiffern SC, Connor PM, Hamid N  
Resident: Leas
- Is it the surgical approach or the intra-operative imaging? What has the greatest effect on acetabular component. Ruffolo MR, Pierrie SN, Odum SM, Masonis JL  
Residents: Ruffolo, Pierrie
- Ten Year Outcomes of Unicompartmental Knee Arthroplasty (UKA) versus Total Knee Arthroplasty Using an Intra-operative Procedure Selection in Patients with Similar Pre-operative Function and Arthritis. Masonis JL, Hart GP , Odum SM.  
Resident: Hart

- The Importance of Routine Follow-up, Imaging, and Ion Levels for Patients with Modular Metal-Metal THA: Radiographic, Serologic, and Wear Analysis of a Modular Metal on Metal Total Hip Arthroplasty. Vestermark G, Anderson L, Masonis JL.  
Resident: Vestermark
- Outcomes of Irrigation and Debridement of Unresectable Revision Arthroplasty in Periprosthetic Joint Infection. Riesgo AM, Odum SM, Martin JR, Fehring KA, Fehring TK, Springer BD
- Are External Alignment Jigs Making us Miss the Mark in THA? Otero JE, Fehring KA, Martin JR, Fehring TK

### Poster Presentations:

- Tibiototalcalcanal Arthrodesis Utilizing a Titanium Intramedullary Nail with an Internal. Ford SE, John Kwon JY, Ellington JK.  
Resident: Ford
- Pseudoelastic Nitinol Compression Element. Ford SE, Andersen JS, Macknet DM, Connor PM, Loeffler BJ, Gaston RG  
Residents: Ford, Macknet
- Initial Metal Ion Levels Predict Risk of Elevation in Metal on Metal Total Hip Arthroplasty. Martin JR, Odum SM, Springer BD, Fehring KA, Fehring TK, Griffin WL
- Contemporary Metal on Metal Total Hip Arthroplasty Screening: High Cost, Low Yield. Martin JR, Springer BD, Fehring KA, Griffin WL
- Knee Arthroscopy After 50: A Midlife Crisis? Buck JS, Odum SM, Salava J, Fehring TK, Springer BD.  
Resident: Buck
- Are Preoperative Depression Symptoms A Contrindication For Lower Extremity Arthroplasty? Fehring TK, Odum SM, Curtin BM, Mason JB, Fehring KA, Springer BD
- Surgical Treatment of Spondylolisthesis in Adolescents has a 46% ReOperation Rate: a Multicenter Retrospective Cohort Study Ena D. Nielsen, BA, South Pasadena, CA Lindsay M. Andras, MD Los Angeles, CA Nicole Michael, BA Aurora, CO Sumeet Garg, MD, Aurora, CO **Michael D. Paloski, DO, Charlotte, NC** Brian K. Brigton, MD Charlotte, NC Emmanuelle Ferrero, Franconville, France Keyvan Mazda, Paris, France Brice Ilharreborde, MD, PhD, Paris, France David L. Skaggs, MD, Los Angeles, CA Early Onset Back Pain Study Group

## Scientific Exhibit:

- Simultaneous Femoral and Tibial Cementation Negatively Effects Tibial Fixation in TKA. Mason JB, Behnam YA, Hayden L. Wilson BS, Fehring TK, Clary C

## Instructional Lectures and Specialty Day presentations:

### Foot/Ankle:

Surgical Treatment of Charcot Foot **C.P.Jones** J.J. McCormick MOD M.S. Pinzur

Management of Complex Foot and Ankle Injuries in the Athlete J.C. Coetzee K. Hunt K.E. Varner MOD **R.B. Anderson**

Nuts and Bolts of Foot and Ankle Injuries in the Athlete, **R.B. Anderson**

Lateral Ligament Reconstruction, **R.B. Anderson**

Trauma to the Foot and Ankle: Keeping the Surgeon Stable: Lis Franc's injury: Getting back in the saddle, **R.B. Anderson**

### Hand:

Treating Hand Fractures: A Case Based Approach to their Management and the Ability to Treat the Complications that will Inevitably Occur J.M. Abzug **R.G. Gaston** P.J. Stern MOD A.L. Osterman

### Hip/Knee:

Difficult Revision Total Hip Arthroplasties Through an Anterior Approach: Extensile Expansions T.T. Manson **J.B. Mason** **J.L.Masonis** MOD J.T.Moskal

Optimizing Outcomes and Treating Complications After Total Hip Arthroplasty J.J. Callaghan **J.B. Mason** R.T. Trousdale MOD J.R. Lieberman

Four Challenges in Revision Total Knee Arthroplasty: Exposure, Safe and Effective Component Removal, Bone Deficit Management, and Fixation **T.K. Fehring** D.G. Lewallen S.J. MacDonald MOD A.V. Lombardi J

Pathologic Postoperative Pain: What Every Orthopaedic Surgeon Should Know I. Carroll V.L. Tawfik MOD **C. Curtin**

Bearing Surface and Taper Corrosion; How Should I Treat this Problem and What are the Outcomes? **W.L. Griffin**

Primary Total Hip Arthroplasty: Everything You Need to Know D. Beverland D.F. Dalury MOD **J.B. Mason**

Primary Total Hip Arthroplasty: Everything You Need to Know; Pre op planning for THA **W.L. Griffin**

Primary Total Hip Arthroplasty: Everything You Need to Know; Bearing options for THA **W.L. Griffin**

Revision Total Knee Arthroplasty- How to Avoid Getting in Over Your Head--case based presentations **W.L. Griffin**

Management of Infected Total Joint Arthroplasty in 2018 – Where Do We Stand Now? Moderator: **Thomas K. Fehring, MD, Charlotte, NC** **Brian M. Curtin, MD, Charlotte, NC** Craig J. Della Valle, MD, Chicago, IL Mark G. Freeman, MD, Chattanooga, TN Room 210 Kevin L. Garvin, MD, Omaha, NE Thorsten Gehrke, MD, Hamburg, Germany Gregory Golladay, MD, Richmond, VA Arlen D. Hanssen, MD, Rochester, MN Javad Parvizi, MD, FRCS, Philadelphia, PA **Bryan D. Springer, MD, Charlotte, NC** Louis S. Stryker, MD, Grand Junction, CO

Career Development – Leadership at Every Level: Principles and Practice **T.K. Fehring, MD**

Results of Single Stage Reimplantation for Periprosthetic Joint Infection **T.K. Fehring**

Infection; One Stage vs Two Stage treatment of PJI **T.K. Fehring**

Infection: Should I wash it out? **B.D. Springer**

Revision Total Knee Arthroplasty Essentials: A Case-Based Approach Case Presentation

**B.D. Springer**

The Complex Primary Total Knee Arthroplasty Made Simple D.J. Berry J.R. Lieberman **B.D. Springer** MOD S.J. MacDonald

Everything You Need to Know About Simple and Complex Primary Total Hip Arthroplasty; THA after failed hip fixation **B.D. Springer**

Complex Revision Total Hip Arthroplasty: An Advanced Course D.S. Garbuz D.G. Lewallen **B.D. Springer** MOD W.G. Paprosky