

2019 SOA E-Poster Presentations

STATION A (*Conference Room 1*)

BASIC SCIENCE

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173 – Returning from AVN in Perthes Disease: The Lazarus Hip
Joshua R. Daryoush, Vanderbilt University School of Medicine

Poster 2

101 – Aged Mice Demonstrate Greater Muscle Degeneration After Rotator Cuff Injury
Abhinav K. Sharma, BS, David Geffen School of Medicine at UCLA

FOOT & ANKLE

Poster 3

97 – Peri-Operative Outcomes of Patients with Rheumatoid Arthritis Undergoing Ankle Arthroplasty or Arthrodesis
Kevin X. Farley, BS, Emory University School of Medicine

Poster 4

262 – Racial and Ethnic Disparities Persist in Lower Extremity Amputation for Limb Ischemia and Infection
Sophia A. Traven, MD, Medical University of South Carolina

Poster 5

263 – MALDI-TOF Analysis of K-Wire Biofilms: A Pilot Study
Sophia A. Traven, MD, Medical University of South Carolina

SPINE

Poster 6

155 – Does Increased Length-of-Stay Increase 90-Day Readmission Rates following Spine Surgery
Bijan J. Ameri, DO, Holy Cross Hospital

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105 – Semi-Automated Method for Calculation of Sagittal Alignment from CT Scans
Tapan Daftar, MD, Resurgens Orthopaedics

SHOULDER & ELBOW

Poster 8

77 – The Impact of Gender on Perioperative Complications in Primary Elective Total Shoulder Arthroplasty and Reverse Total Shoulder Arthroplasty
Keith Aziz, MD, Johns Hopkins Orthopedics

Poster 9

72 – Outcomes following Shoulder Surgery in Patients on Chronic Steroids
Keith Aziz, MD, Johns Hopkins Orthopedics

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65 – Blood Utilization in Patients Undergoing Total Shoulder Arthroplasty
Matthew J. Best, MD, Johns Hopkins Orthopedics

Poster 11

48 – Red Cell Distribution of Width: A Novel Predictor of Mortality and Complications following Primary Shoulder Arthroplasty
Aaron J. Casp, MD, University of Virginia

Poster 12

86 – Variation in Physical Therapy Protocols following Total Shoulder Arthroplasty
Alex Dombrowsky, University of Alabama at Birmingham
**Presented by Graham Kirchner*

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147 – Is Handgrip Strength Associated with Outcomes following Total Shoulder Arthroplasty?
Francisco Eguia, BA, Johns Hopkins Hospital

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56 – Projections of Total and Reverse Shoulder Arthroplasty in The United States to 2025
Kevin X. Farley, BS, Emory University School of Medicine

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47 – Peri-Operative Outcomes of Patients with Chronic Kidney Disease Undergoing Shoulder Arthroplasty
Kevin X. Farley, BS, Emory University School of Medicine

Poster 16

171– The Effect of Tobacco Smoking on Short-Term Outcomes in the Shoulder Arthroplasty Patient
Kevin X. Farley, BS, Emory University School of Medicine

Poster 17

122 – Residual Tendon Length Doesn't Predict Arthroscopic Rotator Cuff Repair Outcomes
Michael J. Kissenberth, MD, Hawkins Foundation
**Presented by Jared Hudspeth, MD*

STATION B (*Conference Room 2*)

SHOULDER & ELBOW

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157 – Posterior Rotator Cuff Fatty Infiltration Doesn't Influence Lateralized rTSA Outcomes

Allyson Sandago, Hawkins Foundation

**Presented by Jared Hudspeth, MD*

Poster 19

162 – Micromotion and Strength of the Glenoid Component in rTSA

Michael J. Kissenberth, MD, Hawkins Foundation

**Presented by Jared Hudspeth, MD*

Poster 20

167 – Complications in Sleep Apnea Patients Undergoing 1- to 2- Level Lumbar Fusion

Joseph Palmer, DO, Holy Cross Hospital

Poster 21

69 – Outcomes Following Open Rotator Cuff Repair in Smokers

Matthew J. Best, MD, Johns Hopkins Orthopedics

Poster 22

92 – Outcome Scores Utilized for Management of Proximal Humerus Fractures

George J. Richard, BS, MD, University of Florida

Poster 23

12 – Precision and Accuracy of 3-D Preoperative Planning for Humeral Head Implant Size Selection in Shoulder Arthroplasty

Vani J. Sabesan, MD, Cleveland Clinic Florida

**Presented by Mauricio Drummond Jr., MD*

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14 – Does Tuberosity Healing Affect the Biomechanics of Reverse Shoulder Arthroplasty?

Vani J. Sabesan, MD, Cleveland Clinic Florida

**Presented by Mauricio Drummond Jr., MD*

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108 – Does Acromion Anatomy Affect Acromion Stress Fracture after Reverse Shoulder Arthroplasty?

Vani J. Sabesan, MD, Cleveland Clinic Florida

**Presented by Mauricio Drummond Jr., MD*

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111 – Accuracy of 3D Preoperative Software Templating in Shoulder Arthroplasty

Vani J. Sabesan, MD, Cleveland Clinic Florida

**Presented by Mauricio Drummond Jr., MD*

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114 – Prediction of Impingement-Free Range of Motion Prior to Reverse Shoulder Arthroplasty

Vani J. Sabesan, MD, Cleveland Clinic Florida
*Presented by Mauricio Drummond Jr., MD

HAND & WRIST

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43 – Avocado-Related Knife Injuries: Describing an Epidemic of Preventable Hand Injury
Kevin X. Farley, BS, Emory University School of Medicine

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39 – Accuracy of Physical Examination Compared with Ultrasound for Detection of the Palmaris Longus Tendon
Russell E. Holzgrefe, MD, Emory University

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136 – Jersey Finger Repair Technique
Roberto A. Miki, MD, Miki & Alfonso Hand & Upper Extremity Center

TOTAL HIP

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Dennis Chen, MD, University of Virginia
*Presented by Nicole D. Quinlan, MD, MS

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144 – Femoral Head Center: A Reliable Landmark For Restoring Leg Lengths?
David A. Ibrahim, MD, Florida Orthopaedic Institute
*Presented by Michael A. Miranda, DO

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Jacob M. Wilson, MD, Emory University

TOTAL JOINT

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Kevin X. Farley, BS, Emory University School of Medicine

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Dominic S. Carreira, MD, Peachtree Orthopedics

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272 – Impact of Nerve Blocks on Function Following ACLR: Systematic Review

Matthew Edwards, BS, Medical University of South Carolina

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236 – Youth Overhead Athlete Assessment in South Carolina: A Family Survey

Jonathan B. Goodloe, MD, Medical University of South Carolina

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154 – Shoulder Instability Influences WOSI Scores, not ASES, Return to Sport

Michael J. Kissenberth, MD, Hawkins Foundation

**Presented by Jared Hudspeth, MD*

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180 – Assessment of Safe Cartilage Harvesting Quantity in the Ankle: A Cadaveric Study

Michael C. O'Brien, BS, MA, UF Orthopaedics and Sports Medicine Institute

TOTAL KNEE

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Vuong B. Nguyen, MD, Optimotion Orthopaedics

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Rushabh M. Vakharia, MD, Holy Cross Hospital

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Jacob M. Wilson, MD, Emory University

UPPER EXTREMITY

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Hiroshi Aida, Johns Hopkins University School of Medicine

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Alexander Bitzer, MD, Johns Hopkins University

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Kevin X. Farley, BS, Emory University School of Medicine

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Kevin X. Farley, BS, Emory University School of Medicine

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Gregory Y. LaChaud, MD, University of Florida

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207 – In Adult Patients with Chronic Lateral Epicondylitis, are Corticosteroid Joint Injections More Effective for Pain Management than Platelet-Rich Plasma Joint Injections?

Rachel Murray, BS, University of Texas

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243 – Misvaluation of Shoulder and Elbow Surgery Across Payment, wRVU, and Operative Time

Suresh K. Nayar, MD, Johns Hopkins Hospital

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257 – Frailty Predicts Medical Complications, Readmission, and Mortality in Total Shoulder Arthroplasty

Sophia A. Traven, MD, Medical University of South Carolina