Thursday, July 22, 2021

6:00 am – 7:00 am  Scientific E-Poster Session

7:00 am – 7:15 am  First Business Meeting

7:15 am – 7:20 am  Welcome and Announcements
  Jeffrey A. Guy, MD, President
  Michael J. O’Brien, MD, Program Chair

SYMPOSIUM 1: Joints
Moderator:  Paul F. Lachiewicz, MD, Duke University

7:20 am – 7:28 am  Robotic Surgery Now for Total Knee Arthroplasty?
  James A. Browne, MD, University of Virginia

7:28 am – 7:36 am  Intra-osseous Antibiotic for Primary and Revision Knee Arthroplasty
  Stephen J. Incavo, MD, Houston Methodist Hospital

7:36 am – 7:44 am  Pain Management after Knee Arthroplasty
  Paul F. Lachiewicz, MD, Duke University

7:44 am – 7:52 am  Uncemented Components for Primary Knee Arthroplasty
  Ryan M. Nunley, MD, Washington University

7:52 am – 8:00 am  Dual Mobility Components in Primary Hip Arthroplasty: when should they be used?
  Samuel Wellman, MD, Duke University

8:15 am – 8:45 am  Focused Breakfast Presentation - Heron
  The Future of Postoperative Pain Management in Orthopaedics
  Paul F. Lachiewicz, MD, Duke University
  *CME Credit Not Available

GENERAL SESSION 1: Operationalizing Surgical Sites of Service: In-Patient, HOPD, ASC Migration
Moderator:  Marney Reid, Surgical Care Affiliates

8:45 am – 9:35 pm  Panel:  Cynthia L. Emory, MD Wake Forest University
  Ryan M. Nunley, MD, Washington University
  Henry Clayton Thomason III, MD, Carolina Orthopaedic & Sports Medicine

9:35 am – 9:55 am  Break – Please visit Exhibits
GENERAL SESSION 2: OREF Report & Presidential Guest Speaker
Moderator: Jeffrey A. Guy, MD, University of South Carolina

9:55 am – 10:00 am OREF Report

10:00 am – 10:05 am Introduction of Presidential Guest Speaker
Jeffrey A. Guy, MD, University of South Carolina

10:05 am – 10:55 am Presidential Guest Speaker
Louis Holtz

10:55 am – 11:15 am Break – Please visit Exhibits

SYMPOSIUM 2: Sports
Moderator: Scott D. Mair, MD, University of Kentucky

11:15 am – 11:27 am Revision ACL Surgery: what have we learned?
Rick W. Wright, MD, Vanderbilt University

11:27 am – 11:39 am Anterior Shoulder Instability: current treatment recommendations
Scott D. Mair, MD, University of Kentucky

11:39 am – 11:51 am UCL Injuries: Should I Repair or Reconstruct?
E. Lyle Cain, MD, Andrews Sports Medicine

11:51 am – 12:03 pm Hip Arthroscopy in Athletes: A Personal Journey
J. W. Thomas Byrd, MD, Nashville Sports Medicine & Orthopaedic Center

12:03 pm – 12:15 pm Case Presentations/Discussion

12:15 pm – 12:45 pm Focused Lunch Presentation
*CME Credit Not Available

CONCURRENT SYMPOSIUM 3A: Pediatrics
Moderator: Michael P. Horan, MD, Palmetto Health

12:50 pm – 1:50 pm SPEAKERS:
Brian K. Brighton, MD, MPH, OrthoCarolina
Christopher C. Bray, MD, Prisma Health
Kevin A. Williams, MD, Alabama Children’s Pediatric Orthopaedics
Joanna J. Horstman, MD, Children’s Hospital of Richmond

CONCURRENT SYMPOSIUM 3B: Orthobiologics
Moderator: Austin V. Stone, MD, PhD, University of Kentucky

12:50 pm – 1:02 pm Regulatory and Reimbursement Challenges with Orthobiologics
Kevin W. Farmer, MD, University of Florida

1:02 pm – 1:14 pm Orthobiologic Use in the Shoulder and Elbow
Brian R. Waterman, MD, Wake Forest School of Medicine
1:14 pm – 1:26 pm  Orthobiologics as Surgical Adjunct  
*Jonathan C. Riboh, MD, OrthoCarolina*

1:26 pm – 1:38 pm  Update on Orthobiologics for the Knee  
*Austin V. Stone, MD, PhD, University of Kentucky*

1:38 pm – 1:50 pm  Case Presentations/Discussion

**RAPID FIRE SESSION 1A: Total Joints**

1:55 pm – 1:59 pm  5 - Unexpected High Rate of Revision of a Modern Cemented TKA  
*Paul F. Lachiewicz, MD, Duke University*

1:59 pm – 2:03 pm  321 - Jehovah’s Witnesses May Experience Increased Rates of Periprosthetic Joint Infections  
*Lefko T. Charalambous, BS, Duke University Medical Center*

2:03 pm – 2:07 pm  121 - Effect of Commonly Used Lavage Solutions on Bone Cement Polymerization  
*Mark Wu, MD, Duke University Hospital*

2:07 pm – 2:11 pm  168 - Latex Allergy as an Independent Risk Factor for Prosthetic Joint Infections  
*Sione A. Ofa, BS, Tulane University School of Medicine*

2:11 pm – 2:15 pm  Discussion

2:15 pm – 2:19 pm  389 - Single-Stage Revision Arthroplasty is a Viable Alternative to Two-Stage in Prosthetic Joint Infection (PJI)  
*Kurt Madzunovic, DO, University of Minnesota/Regions Hospital*

2:19 pm – 2:23 pm  337 - Reimbursements for Revision Total Hip Arthroplasty have Increased for Hospitals but not for Surgeons  
*Emanuel C. Haug, MD, University of Virginia*

2:23 pm – 2:27 pm  327 - Trends in Hospital and Surgeon Charges and Reimbursements for Revision Total Knee Arthroplasty  
*Nicole D. Quinlan, MD, MS, University of Virginia Health System*

2:27 pm – 2:31 pm  266 - Economic Burden of Patient-Reported Penicillin Allergy in Total Joint Arthroplasty  
*Jonathan Paul, BS, Tulane University School of Medicine*

2:31 pm – 2:35 pm  Discussion

**RAPID FIRE SESSION 1B: Trauma**

1:55 pm – 1:59 pm  151 - Lumbosacral Fusion Increases Dislocation and Revision following THA for FNF  
*Tom Pollard, MD, George Washington University*
1:59 pm – 2:03 pm 111 - Risk Factors for Infection after Operatively Treated Subtalar Fracture Dislocations
Eli B. Levitt, MS, University of Alabama at Birmingham

2:03 pm – 2:07 pm 9 - Risk Factors for Infection and Revision Surgery Following Patellar Tendon and Quadriceps Tendon Repairs. An Analysis of 5878 Patients
Alyssa D. Althoff, MD, University of Virginia

2:07 pm – 2:11 pm 105 - Similar Complication Rates Between Plating and Nailing Humeral Shaft Fractures
Travis R. Flick, MD, Tulane University School of Medicine

2:11 pm – 2:15 pm Discussion

2:15 pm – 2:19 pm 280 - Post-Traumatic AVN in Talar Neck Fractures with Proximal Body Extension
Charles A. Mechas, MD, University of Kentucky

2:19 pm – 2:23 pm 354 - Pragmatic Protocol for Evaluation and Treatment of Femoral Neck Fractures in Patients with Ipsilateral Femoral Shaft Fractures
Richard D. Williams, MD, University of South Alabama

2:23 pm – 2:27 pm 317 - Ballistic Humeral Fractures: Experiences from a Level 1 Trauma Center
Kyle Paul, BS, University of Alabama at Birmingham

2:27 pm – 2:31 pm 319 - Intradepartmental Orthopaedic Fragility Fracture Liaison Improves Osteoporosis Follow-Up and Treatment
Annemarie C. Galasso, MD, Medical University of South Carolina

2:31 pm – 2:35 pm Discussion

RAPID FIRE SESSION 1C: Foot & Ankle

1:55 pm – 1:59 pm 20 - High Rate of Talar Collapse in STAR Total Ankle
Daniel J. Scott, MBA, MD, Medical University of South Carolina

1:59 pm – 2:03 pm 260 - Opioid Usage after Hallux Valgus Correction Surgery
J. Benjamin Jackson III, MD, Prisma Health, University of South Carolina

2:03 pm – 2:07 pm 250 - Risk Factors of Falls after Foot & Ankle Surgery
Nicholas A. Andrews, University of Alabama at Birmingham

2:07 pm – 2:11 pm 136 - Primary Arthrodesis vs. Open Reduction and Internal Fixation for Lisfranc Injuries
Ashley Dawson, University of Kentucky

2:11 pm – 2:15 pm Discussion
2:15 pm – 2:19 pm 141 - Tranexamic Acid Associated with Less Wound Complications in Hindfoot Surgery
Andrew Moore, BS, Medical University of South Carolina

2:19 pm – 2:23 pm 246 - WBCT Can Diagnose Syndesmotic Instability in Patients with Weber B Lateral Malleolar Fractures
Rohan Bhimani, MD, MBA, Massachusetts General Hospital

2:23 pm – 2:27 pm 85 - Frailty as a Predictor of Complications following Total Ankle Arthroplasty
Lauren Lewis, MD, MPH, University of Texas Medical Branch

2:27 pm – 2:31 pm 134 - Epidemiology of Insertional Achilles Tendinosis in Patients Requiring Surgical Intervention
Bryce Kunkle, BS, Medical University of South Carolina

2:31 pm – 2:35 pm Discussion

RAPID FIRE SESSION 1D: Hand & Wrist

1:55 pm – 1:59 pm 273 - Screening for Amyloidosis during Carpal Tunnel Release
John D. King, MD, Wake Forest Baptist Health

1:59 pm – 2:03 pm 78 - Distal Radius Fractures the Athletes Treated with Percutaneous Threaded Pins
Patrick M. Luchini, MD, West Virginia University

2:03 pm – 2:07 pm 335 - Intramedullary Headless Compression Screw Fixation for Metacarpal Fractures: A Systematic Review
G. Jacob Wolf, MD, Medical University of South Carolina

Suresh K. Nayar, MD, Johns Hopkins Hospital

2:11 pm – 2:15 pm Discussion

2:15 pm – 2:19 pm 142 - Comparison of Two Bone Anchors for the Management of Basal Thumb Arthritis
Agustin Herber, Burrell College of Osteopathic Medicine

2:19 pm – 2:23 pm 204 - Risk Factors for Distal Radius Osteotomy Non-Union
Desraj M. Clark, MD, Walter Reed National Military Medical Center

2:23 pm – 2:27 pm 117 - Complications following Non-Operative and Operative Management of Hamate Fractures
Canhnghi Ta, Tulane University School of Medicine

Francis Bustos, MD, University of Virginia
2:31 pm – 2:35 pm Discussion

RAPID FIRE SESSION 1E: Pediatrics

1:55 pm – 1:59 pm 309- Immobilization in Toddler’s Fractures – Is Less More?  
*Carsen R. Cash, BS, Vanderbilt University School of Medicine*

1:59 pm – 2:03 pm 51 - Clinical Course of Pseudosubluxation in Pediatric Proximal Humerus Fractures  
*Shawn Gilbert, MD, University of Alabama at Birmingham*

2:03 pm – 2:07 pm 53 - A Novel Approach to Postoperative Pain Management Following Spinal Fusion for Adolescent Idiopathic Scoliosis  
*Stefano Cardin, MD, Orlando Health*

2:07 pm – 2:11 pm 28 - Flexible vs. Rigid Intramedullary Nailing of Tibial Shaft Fractures in Skeletally Immature Adolescents  
*Layla Haidar, BSA, University of Texas Health Orthopaedics*

2:11 pm – 2:15 pm Discussion

2:15 pm – 2:19 pm 124 - Post-Operative Changes in Curve Magnitude: Real or Imagined?  
*Kendall Anigian, MD, University of Texas Southwestern*

2:19 pm – 2:23 pm 279 - Diagnostic Utility of Cultures in Pediatric Patients with Necrotizing Fasciitis  
*Samuel R. Johnson, BS, Vanderbilt University Medical Center*

2:23 pm – 2:27 pm 295 - Which Pediatric Elbow Fracture Needs Additional Investigation for Intercondylar Split?  
*Rachel Windmueller, BS, Vanderbilt University Medical Center*

2:27 pm – 2:31 pm 50 - Revisiting Hooks at the Upper Instrumented Level in Adolescent Idiopathic Scoliosis  
*Tyler C. White, MD, Louisiana State University Health Science Center*

2:31 pm – 2:35 pm Discussion

**SOA Round Table Discussion**
Moderators: Oke A. Anakwenze, MD, MBA, *Duke University*  
Guillaume D. Dumont, MD, *Palmetto Health USC Orthopaedic Center*  
Cynthia L. Emory, MD, MBA, *Wake Forest University*

2:40 pm – 3:40 pm School for Orthopods

3:40 pm – 4:40 pm **Scientific E-Poster Session**

4:40 pm – 5:40 pm **Multimedia Education Session**
Friday, July 23, 2021

6:00 am – 7:00 am  Scientific E-Poster Session

7:00 am – 7:05 am  Announcements
  Michael J. O’Brien, MD, Program Chair

SYMPOSIUM 4: Trauma
Moderator:  Paul Gladden, MD, Tulane University School of Medicine

7:05 am – 8:00 am  Debates:
  Tibia Fx: Nail vs. Plate
  Open Fractures: Fix vs. DCO
  Hip Fractures: Fix vs. Replace

8:00 am – 8:30 am  Focused Breakfast Presentation
  *CME Credit Not Available

RESIDENT AWARD SESSION 1: SOA Donor Awards
Moderator:  Michael J. O’Brien, MD, Tulane University

8:35 am – 8:40 am  Andrew A. Shinar, MD Donor Award
  353 - Static Non-Articulating Knee Spacers are Associated with a High Degree of Morbidity
  Emanuel C. Haug, MD, University of Virginia Health System

8:30 am – 8:35 am  Jeffrey A. Guy, MD Donor Award
  247 - Meniscal Root Reconstruction: An Analysis of Pre- and Post-Operative Patient-Reported Outcomes
  Logan Huff, MD, Prisma Health-Midlands University of South Carolina

8:40 am – 8:45 am  Darren L. Johnson, MD Donor Award
  382 - Quantifying Pre-Operative Care Delivered in Hip and Knee Arthroplasty
  Hayden Joseph, MD, Vanderbilt University Medical Center

8:45 am – 8:50 am  Michael J. O’Brien, MD Donor Award
  39 - An Integrated Educational and Multimodal Approach to Achieve an Opioid Free Postoperative Course Following Arthroscopic Rotator Cuff Repair
  Laila Khoury, Cleveland Clinic Florida

8:50 am – 8:55 am  L. Andrew Koman, MD Donor Award
  54 - Comparing Threaded Pin and Volar Plate Fixation of Distal Radius Fractures
  Patrick M. Luchini, MD, West Virginia University

8:55 am – 9:00 am  Discussion

9:00 am – 9:05 am  Lee R. Leddy, MD Donor Award
  248 - Thermal Output of Oscillation vs. Forward Drilling of Bone
9:05 am – 9:10 am  **Scott D. Mair, MD Donor Award**
148 - THA vs. Hemiarthroplasty for FNF in Patients with Lumbosacral Fusion  
*Tom Pollard, MD, The George Washington University*

9:10 am – 9:15 am  **Benjamin A. Alman, MD Name Donor Award**
11 - Economic Trends of Patients Undergoing Anatomic Total Shoulder Arthroplasty  
*Samuel J. Swiggett, MD, Maimonides Medical Center*

9:15 am – 9:20 am  **H. Clayton Thomason III, MD Donor Award**
365 - Unexpected Wear of a Moderately Crosslinked Polyethylene in THA  
*Ram R. Yakkanti, MD, University of Miami*

9:20 am – 9:25 am  **E. Lyle Cain, MD Donor Award**
24 - Beach Chair vs. Lateral Decubitus Positioning for Primary Arthroscopic Anterior Shoulder Stabilization: A Consecutive Series of 641 Shoulders  
*Bobby G. Yow, MD, Walter Reed National Military Medical Center*

9:25 am – 9:30 am  Discussion

9:30 am – 9:50 am  **Break – Please visit Exhibits**

**GENERAL SESSION 3: AAOS Report & Distinguished Southern Orthopaedist**
Moderator:  Jeffrey A. Guy, MD, *University of South Carolina*

9:50 am - 10:05 am  **AAOS Report**

10:05 am – 10:10 am  **Introduction of Distinguished Southern Orthopaedist**  
*Jeffrey A. Guy, MD, University of South Carolina*

10:10 am – 10:55 am  **Distinguished Southern Orthopaedist**  
*Claude T. Moorman III, MD, Atrium Health*

10:55 am – 11:15 am  **Break – Please visit Exhibits**

**SYMPOSIUM 5: Diversity**
Moderator:  Letitia L. Bradford, MD, *Nth Dimensions*

11:15 am – 12:05 pm  Gladden Society Rep  
Perry Initiative Rep  
Nth Dimensions Rep  
Eric W. Carson, MD, *Washington University Physicians*
Paul Gladden, MD, *Tulane University School of Medicine*

12:10 pm – 12:40 pm  **Focused Lunch Presentation**  
*CME Credit Not Available*
CONCURRENT SYMPOSIUM 6A: Shoulder
Moderator: Michael Kissenberth, MD, Steadman Hawkins Clinic of the Carolinas
12:45 pm – 1:35 pm TBD

CONCURRENT SYMPOSIUM 6B: Foot & Ankle
Moderator: J. Benjamin Jackson III, MD, Prisma Health Orthopaedics
12:45 pm – 1:35 pm TBD

RAPID FIRE SESSION 2A: Sports Medicine
1:40 pm – 1:44 pm 123 - Amniotic Tissue Preserves Pain Relief and Function Compared to Steroid in Severe Knee Osteoarthritis: A Double-Blind, Randomized Prospective Study
Stephan G. Pill, MD, Hawkins Foundation
1:44 pm – 1:48 pm 222 - Increased Complications with Bilateral Rotator Cuff Repair within Three Months
Brian C. Werner, MD, University of Virginia
Michael Kucharik, Massachusetts General Hospital
1:52 pm – 1:56 pm 237 - Novel Procedure Using Viable Allograft for Focal Cartilage Defects
Bhumit R. Desai, MD, Ochsner Medical Center
1:56 pm – 2:00 pm Discussion
2:00 pm – 2:04 pm 258 - Preoperative Templating of Anterior Cruciate Ligament Reconstruction Based on a Lateral Knee X-Ray: Technique and Results
Frederic B. Mills, MS, Palmetto Health, University of South Carolina Orthopaedic Center
2:04 pm – 2:08 pm 23 - Reducing Opioids Following Sports Procedures Lowers Consumption Without Impacting Pain
Ryan H. Barnes, MD, University of North Carolina at Chapel Hill
2:08 pm – 2:12 pm 26 - Progression to Glenohumeral Arthritis after Arthroscopic Anterior Stabilization in a Young and High Demand Population
Bobby G. Yow, MD, Walter Reed National Military Medical Center
2:12 pm – 2:16 pm 57 - Outcomes in Arthroscopic Rotator Cuff Repair in Opioid Use Disorder Patients
Eric Roth, MD, Maimonides Medical Center
2:16 pm – 2:20 pm Discussion

RAPID FIRE SESSION 2B: Trauma
1:40 pm – 1:44 pm  158 - Offset Change Following SHS vs. CMN Fixation in Hip Fractures  
Tom Pollard, MD, George Washington University

1:44 pm – 1:48 pm  133 - COVID-ORTHO: Postoperative Mortality in the COVID-Positive Hip Fracture Patient  
Alexander Isla, BS, University of Kentucky

1:48 pm – 1:52 pm  128 - ORIF vs. Fusion Nail for High Risk Geriatric Ankle Fractures  
Thomas M. Large, MD, Mission Hospital

1:52 pm – 1:56 pm  135 - Effect of the Intertan Proximal Setscrew for Intertrochanteric Femur Fractures  
Daniel J. Ross, MD, University of South Carolina / Prisma Health

1:56 pm – 2:00 pm  Discussion

2:00 pm – 2:04 pm  139 - Prospective One-Year Outcome Study on 3- and 4-Part Proximal Humerus Fracture Fixation Using an Intramedullary Cage  
Sanjana Vattigunta, BA, Johns Hopkins Orthopedics

2:04 pm – 2:08 pm  140 - Modulating the Inflammatory Response to Trauma to Reduce Opioid Use  
Maxwell Boyle, BS, University of Kentucky

2:08 pm – 2:12 pm  194 - Risk Factors for Treatment Failure of Fracture Related Infections  
Benjamin W. Hoyt, MD, Walter Reed National Military Medical Center

2:12 pm – 2:16 pm  306 - Preoperative Malnutrition Negatively Affects Outcomes after Non-Displaced Femoral Neck Fractures  
Chukwuweike U. Gwam, MD, Wake Forest School of Medicine

2:16 pm – 2:20 pm  Discussion

**RAPID FIRE SESSION 2C: Shoulder & Elbow**

1:40 pm – 1:44 pm  118 - Outcomes, Risk Factors and Costs Associated with a Transition to Outpatient Shoulder Arthroplasty  
Daniel E. Goltz, MD, MBA, Duke University

1:44 pm – 1:48 pm  174 - RVUs and Reimbursement for Primary and Revision TSA  
Theodore Quan, George Washington University

1:48 pm – 1:52 pm  372 - Clinical Outcomes of Collagen Patch in Partial Rotator Cuff Repair  
Brennan Gagen, BS, Tulane University School of Medicine

1:52 pm – 1:56 pm  367 - Anterior Shoulder Instability Surgical Treatments: An Analysis of Biomechanical Literature  
John Manfredi, BS, University of Alabama at Birmingham

1:56 pm – 2:00 pm  Discussion
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<th>Time</th>
<th>Session</th>
<th>Title</th>
<th>Presenter</th>
<th>Institution</th>
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<tr>
<td>2:00 pm – 2:04 pm</td>
<td>38 - Stemless, Short and Standard Humeral Stems in Total Shoulder Arthroplasty: Is There is Difference in Intraoperative Measures, Pain and Outcomes in the Short Term?</td>
<td>Joseph T. Labrum, MD, Vanderbilt Medical Center</td>
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<td>2:04 pm – 2:08 pm</td>
<td>48 - Cost-Effectiveness of Advanced Imaging to Assess Rotator Cuff Integrity Prior to Shoulder Arthroplasty</td>
<td>Jay M. Levin, MD, Duke University</td>
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<td>2:08 pm – 2:12 pm</td>
<td>351 - Is Outpatient Shoulder Arthroplasty Safe? A Systematic Review and Meta-Analysis</td>
<td>Addison Cimino, BS, University of Alabama at Birmingham</td>
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<td>2:12 pm – 2:16 pm</td>
<td>225 - Glenoid Lateralization Influences Active Internal Rotation after Reverse Shoulder Arthroplasty</td>
<td>Brian C. Werner, MD, University of Virginia</td>
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<td>2:16 pm – 2:20 pm</td>
<td>Discussion</td>
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<td>1:40 pm – 1:44 pm</td>
<td>138 - Reuse of Surgical Masks During the COVID-19 Pandemic</td>
<td>Zsombor T. Gal, University of Kentucky</td>
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<td>1:44 pm – 1:48 pm</td>
<td>92 - Twitter Use Amongst Orthopedic Surgery Journals: Does a Tweet Increase Citations?</td>
<td>Arjun Verma, BS, Ochsner Health</td>
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<td>1:48 pm – 1:52 pm</td>
<td>143 - Osteoporosis Management and Secondary Preventative Treatment Following Primary Fragility Fractures</td>
<td>Bailey J. Ross, BA, Tulane University School of Medicine</td>
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<td>1:52 pm – 1:56 pm</td>
<td>169 - Impact of Large Database Studies on the Orthopaedic Surgery Literature</td>
<td>Alex Gu, BS, George Washington University</td>
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<td>1:56 pm – 2:00 pm</td>
<td>Discussion</td>
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<td>2:00 pm – 2:04 pm</td>
<td>41 - Equal Care for All? Do Surgical Outcomes in Shoulder Arthroplasty Depend on Insurance Type?</td>
<td>Laila Khoury, Charles E. Schmidt College of Medicine at Florida Atlantic University</td>
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<td>2:04 pm – 2:08 pm</td>
<td>205 - Cost Benefit Analysis of Accelerated Curriculum for Orthopaedics Residency</td>
<td>Walker M. Heffron, BS, Medical University of South Carolina</td>
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2:08 pm – 2:12 pm  74 - Impact of COVID-19 Pandemic on Orthopaedic Surgical Training: A National Survey Exploring the Perceptions among Orthopaedic Surgery Residents
   Michael Spitnale, MD, University of South Carolina - Prisma Health Midlands Orthopedics

2:12 pm – 2:16 pm  315 - COVID-19 Impact on Orthopaedic Surgery: Elective Procedures, Telehealth and Income
   Kyle Paul, BS, University of Alabama at Birmingham

2:16 pm – 2:20 pm  Discussion

RAPID FIRE SESSION 2E: Basic Science

1:40 pm – 1:44 pm  236 - Cartilage and Meniscal Degradation from Reduced Weight-Bearing Recovered with Exercise
   Nequesha S. Mohamed, MD, Wake Forest Baptist Medical Center

1:44 pm – 1:48 pm  107 - Glenoid and Acetabular Reaming Force Varies during Simulation Between Surgeons
   Akshar H. Patel, MD, Tulane University School of Medicine

1:48 pm – 1:52 pm  286 - Analysis of Osteochondral Lesions of the Talus after Failed Microfracture
   Richard M. Danilkowicz, MD, MAT, Duke University Medical Center

1:52 pm – 1:56 pm  320 - Variability in the Processing of Fresh Osteochondral Allografts
   Kyle Paul, BS, University of Alabama at Birmingham

1:56 pm – 2:00 pm  Discussion

2:00 pm – 2:04 pm  106 - Nanowarming by Inductive Heating of Vitrified Large Articular Cartilage Specimens
   Jonathan B. Goodloe, MD, Medical University of South Carolina

2:04 pm – 2:08 pm  131 - Evaluating the Safety of Cartilaginous Repair in a Waterless Environment
   Travis R. Flick, MD, Tulane University School of Medicine

2:08 pm – 2:12 pm  82 - Risk of Infection in Knee Arthroscopy Patients Undergoing Corticosteroid Injections
   John Belk, BA, University of Colorado School of Medicine

2:12 pm – 2:16 pm  368 - Postoperative Red Blood Cell Transfusion is an Independent Risk Factor for Postoperative Venous Thromboembolism in Orthopedic Surgery Patients
   Ram R. Yakkanti, MD, University of Miami

2:16 pm – 2:20 pm  Discussion

SOA Round Table Discussion 2
RESIDENT COURSE
Moderator: Marney Reid, Surgical Care Affiliates

2:25 pm – 4:25 pm  Cynthia L. Emory, Wake Forest University
Wesley Greer, MD, WRMC Orthopaedic and Sports Medicine Clinic
Christopher A. Heck, MD, Southlake Orthopaedics

Topics

- Picking and Preparing for Fellowship Interviews
- Preparing for Fellowship
- When/How to Look for a Job
- Aligning Future Goals with Ideal Employment Model
- Basics of Reimbursements and Contract “Watch-Outs”

3:25 pm – 4:25 pm  Scientific E-Poster Session

4:25 pm – 5:25 pm  Multimedia Education Session

Saturday, July 24, 2021

6:00 am – 7:00 am  Scientific E-Poster Session

7:00 am – 7:15 am  Second Business Meeting

7:15 am – 7:20 am  Announcements
Michael J. O’Brien, MD, Program Chair

SYMPOSIUM 7: Surviving the Night
Moderator: Langdon A. Hartsock, MD, Medical University of South Carolina

7:20 am – 7:32 am  Hand
Dane Daley, MD, Medical University of South Carolina

7:32 am – 7:44 am  Pediatrics
Kristen M. Nathe, MD, Prisma Health

7:44 am – 7:56 am  Spine
Charles Reitman, MD, Medical University of South Carolina

7:56 am – 8:08 am  Trauma
Thomas M. Schaller, MD, Prisma Health

8:08 am – 8:15 am  Case Presentations/Discussion

8:15 am – 8:45 am  Focused Breakfast Presentation
RESIDENT AWARD SESSION 2
Moderator: Michael J. O’Brien, MD, Tulane University

8:45 am – 8:51 am  
**SOA Presidents’ Resident Award**
114 - Opioid-Free Total Hip Arthroplasty: A Prospective, Randomized Controlled Trial
*J. Stewart Buck, MD, Atrium Health Musculoskeletal Institute*

8:51 am – 8:57 am  
**Harley & Betty Baxter Resident Award**
289 - Attenuation of Cartilage Damage from Fracture Hematoma by IL-1Ra and Doxycycline
*R. Danilkowicz, MD, MAT, Duke University Medical Center*

8:57 am – 9:03 am  
**Harley & Betty Baxter Resident Award**
288 - Predicting Likelihood of Extended Length of Stay Following Total Hip Arthroplasty
*Daniel E. Goltz, MD, MBA, Duke University*

9:03 am – 9:09 am  
**SOA/OREF Resident Award**
115 - Results of I&D for Periprosthetic Knee Infection with Use of Intraosseous Antibiotic
*Brian M. Curtin, MD, OrthoCarolina Hip and Knee Center*

9:09 am – 9:15 am  
**SOA/OREF Resident Award**
357 - Physical Therapy on Postoperative Day Zero Following Lumbar Spine Surgery Decreases Length of Stay
*Blaine T. Manning, MD, University of Missouri-Columbia*

9:15 am – 9:21 am  
**SOA/OREF Resident Award**
137 - Deltoid Ligament Repair vs. Syndesmotic Fixation for Bimalleolar Equivalent Ankle Fractures
*Keith G. Whitlock, MD, Duke University*

9:21 am – 9:29 am  
Discussion

9:29 am – 9:35 am  
**Cynthia Lichtefeld Resident Travel Grant Award**
17 - Lower Extremity Girth Does Not Predict Complications in TKA - Beware of the Obese Patient with Skinny Legs
*Eric S. Secrist, MD, OrthoCarolina Hip and Knee Center*

9:35 am – 9:41 am  
**Harley & Betty Baxter Resident Travel Grant Award**
386 - The Effect of State-Level Prescription Opioid Legislation on Patient Outcomes after Lumbar Tubular Micro-Decompression
*Edward C. Beck, MD, MPH, Wake Forest Baptist Health*

9:41 am – 9:47 am  
**SOA Resident Travel Grant Award**
52 - Perioperative Complications Surrounding Supracondylar Humerus Fractures: Expanding Outpatient Surgical Indications
*Lindsay Hockensmith, MD, University of Kentucky*
9:47 am – 9:53 am  **SOA Resident Travel Grant Award**
147 - Immediate Pain Relief at Time of Corticosteroid Injection for Idiopathic Adhesive Capsulitis is not Predictive of Eventual Outcome
*Thomas E. Moran, MD, University of Virginia*

9:53 am – 9:59 am  **SOA Resident Travel Grant Award**
36 - Is Medicare Reimbursement Declining for Degenerative and Traumatic Shoulder Pathology?
*Suresh K. Nayar, MD, Johns Hopkins*

9:59 am – 10:07 am  Discussion

10:07 am – 10:32 am  **Break – Please visit Exhibits**

**GENERAL SESSION 4: BOC Report & Presidential Address**
Moderator:  Michael J. O’Brien, MD,  *Tulane University*

10:32 am – 10:42 am  **BOC Report**

10:42 am – 10:45 am  **Introduction of Presidential Address**
*Michael J. O’Brien, MD, Tulane University*

10:45 am – 11:15 am  **Presidential Address**
Title
*Jeffrey A. Guy, MD, University of South Carolina*

**CONCURRENT SYMPOSIUM 8A: Hand**
Moderator:  Gleb Medvedev, MD,  *Tulane University*

11:20 am – 11:30 am  Problematic Finger Fractures
*Katherine C. Faust, MD, Children’s Hospital New Orleans*

11:30 am – 11:40 am  Failed Carpal Tunnel Release
*Clifton G. Meals, MD, Emory University*

11:40 am – 11:50 am  Scaphoid Nonunion
*Suhail K. Mithani, MD, Duke University*

11:50 am – 12:00 pm  TBD
*Mihir J. Desai, MD Vanderbilt University*

12:00 pm – 12:10 pm  TBD
*Gregory K. Faucher, MD, Prisma Health*

12:10 pm – 12:15 pm  Case Presentations/Discussion

**CONCURRENT SYMPOSIUM 8B: Cervical Spine Injuries in Athletes and Return to Play**
Moderator:  Gregory Grabowski, MD,  *Palmetto Health at USC*

11:20 am – 11:32 am  Case Presentations: Cervical Spine Injuries in Athletes
Gregory Grabowski, MD, Palmetto Health at USC

11:32 am – 11:44 am  Work-Up, Imaging, and Timing: The Hurry-Up Offense or the Prevent Defense  
John G. DeVine, MD, Augusta University

11:44 am – 11:56 am  Cervical Disk Herniations  
John France, MD, West Virginia University

11:56 am – 12:08 pm  Congenital Cervical Stenosis  
Steven M. Theiss, MD University of Alabama

12:08 pm – 12:15 pm  Case Presentations/Discussion

RAPID FIRE SESSION 3A: Sports Medicine

12:20 pm – 12:24 pm  228 - Minimum 2-Year Outcomes of All-Arthroscopic Capsular Autograft Labral Reconstruction  
Michael Kucharik, Massachusetts General Hospital

12:24 pm – 12:28 pm  251 - Age, Duration of Symptoms Prior to Presentation and Gender of Hip Impingement Patients with Prominent vs. Normal Anterior Inferior Iliac Spine Morphology  
Corey A. Hamilton, MD, Prisma Health University of South Carolina

12:28 pm – 12:32 pm  292 - Comparison of Injury Rates between Pre-Covid and Post-Covid Era in the NFL  
Evan P. Bailey, Medical University of South Carolina

12:32 pm – 12:36 pm  130 - Lower Extremity Musculoskeletal Injury is Associated with Increased Risk of Concussion in High School Athletes  
Michael J. Kissenberth, MD, Hawkins Foundation

12:36 pm – 12:40 pm  Discussion

12:40 pm – 12:44 pm  171 - Risk Factors for Stress Fractures: A Nationwide Database Analysis  
Nisha N. Kale, BA, Tulane University School of Medicine

12:44 pm – 12:48 pm  323 - Resiliency Does Not Correlate with Outcome Scores After Meniscectomy  
Austin Hughes, BS, University of Alabama at Birmingham

12:48 pm – 12:52 pm  355 - The Effect of Thursday Night Football on NFL Injuries  
Akhil Sharma, BS, Duke University Medical Center

12:52 pm – 12:56 pm  385 - Evaluation of Mid-Term Outcomes Following Shoulder Hemiarthroplasty for Avascular Necrosis of the Humeral Head in Patients 40 Years and Younger  
Edward C. Beck, MD, MPH, Wake Forest Baptist Health

12:56 pm – 1:00 pm  Discussion
RAPID FIRE SESSION 3B: Total Joints

12:20 pm – 12:24 pm  318 - Survivorship of a Highly Porous Titanium Acetabular Component with a Mean 6-Year Follow-Up  
                   Bhumit R. Desai, MD, Ochsner Medical Center

12:24 pm – 12:28 pm  373 - Intermediate Survival of a Dual Tapered-Wedge Fully HA Coated Press Fit Femoral Stem  
                   Ram R. Yakkanti, MD, University of Miami

12:28 pm – 12:32 pm  58 - Association of Alcohol Use Disorder on Total Hip Arthroplasty  
                   Andrew Horn, MD, Maimonides Medical Center

12:32 pm – 12:36 pm  132 - Outcomes for ORIF of Proximal Femur Periprosthetic Fractures  
                   Robert J. Teasdall, MD, University of Kentucky

12:36 pm – 12:40 pm  Discussion

12:40 pm – 12:44 pm  380 - Kinematics of Various TKA Implant Designs in Kinematic vs. Mechanical Alignment – A Cadaveric Analysis  
                   Eric S. Secrist, MD, Atrium Musculoskeletal Institute

12:44 pm – 12:48 pm  22 - Comparison of Patient Reported Outcomes between Conventional and Robotic-Assisted TKA  
                   Nijo A. Abraham, Georgetown University School of Medicine

12:48 pm – 12:52 pm  112 - Gap Balanced vs. Measured Resection Total Knee Arthroplasty: A Functional Outcome Comparison  
                   Matthew J. Duffin, MD, Hoag Orthopaedic Institute

12:52 pm – 12:56 pm  29 - The Effect of Postoperative Sleeping Position on Knee Extension and Range of Motion Following Primary Total Knee Arthroplasty  
                   Tyler M. Goodwin, MD, University of Tennessee Health Science Center Chattanooga

12:56 pm – 1:00 pm  Discussion

RAPID FIRE SESSION 3C: Shoulder & Elbow

12:20 pm – 12:24 pm  88 - Press Fit vs. Cemented Hybrid Glenoid Fixation: Five Year Clinical and Radiographic Outcomes  
                   Jonathan B. Goodloe, MD, Medical University of South Carolina

12:24 pm – 12:28 pm  150 - Corticosteroid Injections and Risk of Revision in Shoulder Arthroplasty  
                   Monica Stadecker, MD, MBA, George Washington University

12:28 pm – 12:32 pm  221 - Urinary Tract Infections Diagnosed within Two Weeks Prior to Shoulder Arthroplasty are Associated with Increased Postoperative Infection Rates
12:32 pm – 12:36 pm  201 - Full-Thickness Rotator Cuff Tear Repair Using Bioinductive Bovine Patches
  Justin A. Sedgewick, Tulane University School of Medicine

12:36 pm – 12:40 pm  Discussion

12:40 pm – 12:44 pm  268 - A Review of Platelet-Rich Plasma in the Elbow
  Austin Ross, BS, Tulane University Department of Orthopedics

  Laila Khoury, Charles E. Schmidt College of Medicine at Florida Atlantic University

12:48 pm – 12:52 pm  302 - 2-Year Glenoid Augment Outcomes and Costs in Anatomic Total Shoulder Arthroplasty
  Lefko T. Charalambous, BS, Duke University Medical Center

12:52 pm – 12:56 pm  70 - Risk Factors for Infection following Primary Total Elbow Arthroplasty
  Miriam Weisberg, MD, Maimonides Medical Center

12:56 pm – 1:00 pm  Discussion

Rapid Fire Session 3D: Spine

12:20 pm – 12:24 pm  16 - Timing of VTE and Hematoma Events after Spine Surgery
  Dharani Rohit Thota, BA, The University of Texas at Southwestern Medical Center

12:24 pm – 12:28 pm  214 - Postoperative Outcomes following Posterior Lumbar Fusion in Patients with Multiple Sclerosis
  Pramod N. Kamalapathy, University of Virginia

12:28 pm – 12:32 pm  333 - Rheumatoid Arthritis Increases Risk of Medical Complications Following Posterior Lumbar Fusion
  Sean Sequeira, BS, University of Virginia School of Medicine

12:32 pm – 12:36 pm  387 - Rates of Achieving Meaningful Outcomes and Clinical Success 1-Year after Undergoing Far Lateral Tubular Decompression
  Edward C. Beck, MD, MPH, Wake Forest Baptist Health

12:36 pm – 12:40 pm  Discussion

12:40 pm – 12:44 pm  340 - Outcomes of Anterior vs. Posterior Approach to Single Level Lumbar Interbody Fusion
  Leland C. McCluskey, MD, Tulane University
12:44 pm – 12:48 pm  30 - Osteoporosis is Associated with Increased Minor Complications and Pulmonary Embolism Following Single Level ALIF and PSIF Spine Stabilization  
   Alyssa D. Althoff, MD, University of Virginia

12:48 pm – 12:52 pm  215 - Safety Profile of Outpatient vs. Inpatient ACDF: An Analysis of 33,807 Outpatient ACDFs  
   Pramod N. Kamalapathy, University of Virginia

12:52 pm – 12:56 pm  67 - Depression is Associated with Worse Outcomes Following Adult Spinal Deformity  
   Samuel J. Swiggett, MD, Maimonides Medical Center

12:56 pm – 1:00 pm  Discussion

RAPID FIRE SESSION 3E: Tumor

12:20 pm – 12:24 pm  329 - Racial Disparities by Histology for Sarcomas of Soft-Tissue and Bone  
   David L. Kerr, MD, Duke University Hospital

12:24 pm – 12:28 pm  127 - Metastatic Bone Lesion Progression After Intramedullary Nailing  
   Punthitra Arpornsuksant, The Johns Hopkins University

12:28 pm – 12:32 pm  262 - Determinants of Functional Outcome after Type II Internal Hemipelvectomy  
   Robert C. Weinschenk, MD, The University of Texas MD Anderson Cancer Center

12:32 pm – 12:36 pm  326 - The Impact of Radiation Therapy on Survival in Myxoid Liposarcoma  
   David L. Kerr, MD, Duke University Hospital

12:36 pm – 12:40 pm  Discussion

12:40 pm – 12:44 pm  233 - Complications Following Shoulder Replacement for Tumors of the Glenohumeral Joint  
   T. David Luo, MD, Wake Forest Orthopaedic Surgery

12:44 pm – 12:48 pm  328 - Oncologic Reverse Total Shoulder Arthroplasty: A Systematic Review  
   Harrison R. Ferlauto, BSE, Duke University

12:48 pm – 12:52 pm  349 - Oncological Outcomes in Fungating Squamous Cell Carcinoma Patients of the Extremities and Trunk  
   Yonghoon Lee, BA, University of Miami Miller School of Medicine

12:52 pm – 12:56 pm  350 - Oncological Outcomes in Patients with Dermatofibrosarcoma Protuberans: A Retrospective Study  
   Michael P. Guertin, BS, University of Miami Miller School of Medicine

12:56 pm – 1:00 pm  Discussion
1:00 pm – 2:00 pm  Scientific E-Poster Session
2:00 pm – 3:00 pm  Multimedia Education Session