Thursday, October 20

6:00 am – 7:00 am  Scientific E-Poster Session (Presenters will be available to answer questions.)

7:00 am – 7:05 am  Welcome, Introduction of Program and Announcements
Geoffrey H. Westrich, MD, President
Marc J. Levine, MD, Program Chair

Session 1 – Sports

Moderators: Joshua A. Baumfeld, MD, Lahey Hospital & Medical Center, Burlington, MA
Lawrence V. Gulotta, MD, Hospital for Special Surgery, New York, NY

7:05 am – 7:11 am  Resident Travel Grant Award
How Should We Define Clinically Meaningful Benefit After Hip Arthroscopy?
Benedict Nwachukwu, MD, MBA, Hospital for Special Surgery, New York, NY

7:11 am – 7:17 am  Resident Travel Grant Award
Critical Findings On MR-Arthrogram In Posterior Shoulder Instability
Joseph W. Galvin, DO, Madigan Army Medical Center, Tacoma, WA

7:17 am – 7:23 am  Allograft/Autograft BPTB ACL Reconstruction Yields Equal Outcomes: Average 8-Year Follow-Up
Kevin D. Plancher, MD, Albert Einstein College of Medicine, New York, NY

7:23 am – 7:29 am  Richmond Arthroscopy/Sports Medicine Travel Award
Biceps Tenodesis: Tendon-to-Bone vs. Tendon-to-Tendon Healing In A Rat Model
Ekaterina Urch, MD, Hospital for Special Surgery, New York, NY

7:29 am – 7:35 am  Diabetics Undergoing Hip Arthroscopy More Frequently Demonstrate Femoral Head Chondromalacia
T. David Luo, MD, Wake Forest Baptist Medical Center, Winston-Salem, NC
*Presented by Austin V. Stone, MD, PhD

7:35 am – 7:41 am  “3-Pack” Examination is Critical for Comprehensive Evaluation of Biceps-Labrum Complex
Samuel A. Taylor, MD, Hospital for Special Surgery, New York, NY
*Presented by Stephen J. O’Brien, MD, MBA
7:41 am – 7:47 am  
Pitch Count Correlation To Throwing Kinematics, Shoulder Strength, And COMP  
Vince Lai, MD, UPMC Hamot, Erie, PA

7:47 am – 7:53 am  
Clinical Outcomes Of Hip Arthroscopy In Radiographically Diagnosed Retroverted Acetabula  
Benjamin G. Domb, MD, American Hip Institute, Westmont, IL  
*Presented by David E. Hartigan, MD

7:53 am – 7:59 am  
Predicting Injury Through Quantitative Analysis Of Professional Baseball Pitcher Mechanics  
E. Grant Sutter, MD, MS, Duke University Medical Center, Durham, NC

7:59 am – 8:05 am  
Discussion

8:05 am – 8:20 am  
First Business Meeting

8:20 am – 8:40 am  
BREAK—Please visit Exhibits

Symposium 1 – State of the Art Management of Complex Problems in Total Joint Arthroplasty  
Moderators:  Geoffrey H. Westrich, MD, Hospital for Special Surgery, New York, NY  
Thomas P. Sculco, MD, Hospital for Special Surgery, New York, NY

8:40 am – 8:50 am  
THR: Abductor Deficiency: Options and Treatment  
Amar S. Ranawat, MD, Hospital for Special Surgery, New York, NY

8:50 am – 9:00 am  
THR: Metal on Metal, Modular Necks, and Tunnionosis  
Adam J. Rana, MD, Maine Medical Center, Portland, ME

9:00 am – 9:10 am  
TKR: Extensor Mechanism Deficiency: Options and Treatment  
Michael P. Bolognesi, MD, Duke University Medical Center, Durham, NC

9:10 am – 9:20 am  
TKR: Stiffness Following Primary TKA: Should We Reoperate?  
Javad Parvizi, MD, FRCS, The Rothman Institute, Philadelphia, PA

9:20 am – 9:30 am  
Discussion

Rapid Fire Session 2A – Sports  
Moderators:  Richard M. Wilk, MD, Lahey Hospital & Medical Center, Burlington, MA  
Joshua S. Hornstein, MD, Trenton Orthopaedic Group, PA, Mercerville, NJ

9:33 am – 9:37 am  
Isolated Ligamentous Injury Can Cause Posteromedial Elbow Instability: A Cadaveric Study  
Elan Golan, MD, Maimonides Medical Center, Brooklyn, NY

9:37 am – 9:41 am  
Iliopsoas Release And Capsular Plication In Acetabular Dysplasia: Clinical Outcomes  
Benjamin G. Domb, MD, American Hip Institute, Westmont, IL  
*Presented by David E. Hartigan, MD
A Novel Intra-Operative Scoring System For Glenohumeral Synovitis
Daniel E. Davis, MD, MS, Thomas Jefferson University, Philadelphia, PA

Discussion

Patellofemoral Alignment: Variability In MRI Distances Between Four Different Landmarks.
Jason Andersen, MD, Wake Forest University School of Medicine, Winston-Salem, NC
*Presented by Alejandro Marquez-Lara, MD

Comparison Of Arthroscopic And Open Treatment For Knee Septic Arthritis
David Jaffe, MD, University of Maryland, Baltimore, MD

Hypovitaminosis D In Adolescents Requiring Anterior Cruciate Ligament Reconstruction
Todd P. Pierce, MD, Seton Hall University, South Orange, NJ

Discussion

Rapid Fire Session 2B – Upper Extremity
Moderator: Kevin D. Plancher, MD, Albert Einstein College of Medicine, New York, NY

Reduction Of Recurrence Rate Of Ganglion Cysts With Mitomycin Use
Ahmed Chaudhry, BS, Temple University Lewis Katz School of Medicine, Philadelphia, PA
*Presented by Kamil Amer, BS

Closed Reduction Of Greater Tuberosity Fractures With Anterior Shoulder Dislocations
Daniel R. Howard, MD, Mount Sinai St. Luke's-Roosevelt Hospital, New York, NY

Regional Variation Of Medicare Payments For Hand Surgery Procedures In The United States
Mark Yakavonis, MD, Boston University, Boston, MA

Discussion

Dorsal Wrist Syndrome: Presentation, Findings, And Outcomes Of Arthroscopic Management
Andrew P. Matson, MD, Duke University Medical Center, Durham, NC
*Presented by Alexander Lampley, MD

Location Of Pathologic Changes In The Long Of Biceps Tendon
Abigail Mantica, MD, George Washington University Hospital, Washington, DC
9:57 am – 10:01 am  Routine Plain Radiographs For Atraumatic Shoulder Pain: Are They Useful?  
Benjamin J. Levy, MD, Montefiore Medical Center and Albert Einstein College of Medicine, Bronx, NY

10:01 am – 10:05 am  Discussion

**Rapid Fire Session 2C – Foot & Ankle**  
**Moderators:** Adam J. Rana, MD, Maine Medical Center, Portland, ME  
Andre J. Pagliaro, MD, Trenton Orthopaedic Group, PA, Mercerville, NJ

9:33 am – 9:37 am  Physiological Widening Of The Medial Clear Space With Stress Examination  
Jacob Didesch, MD, Rutgers-New Jersey Medical School, Newark, NJ

9:37 am – 9:41 am  Return To Active Duty Lifestyle After Modified Brostrom  
Thomas J. Melton, MD, Madigan Army Medical Center, Tacoma, WA

9:41 am – 9:45 am  Ultrasound Mapping Of The Achilles Tendon In Healthy Subjects  
Nick Patel, MD, Emory University, Atlanta, GA

9:45 am – 9:49 am  Discussion

9:49 am – 9:53 am  Outcomes After Minimally-Invasive Treatment Of Lisfranc Injuries: A Retrospective Review  
Joseph T. O’Neil, MD, The Rothman Institute at Thomas Jefferson University Hospital, Philadelphia, PA

9:53 am – 9:57 am  Novel Physical Therapy Protocol Results In Improved Outcomes In Insertional Achilles Tendinopathy  
Meghan Kelly, MD, PhD, University of Rochester Medical Center, Rochester, NY

9:57 am – 10:01 am  The Extensile Lateral Approach To The Calcaneus And The Sural Nerve: There Is No Safe Zone  
Niall A. Smyth, MD, University of Miami, Miami, FL

10:01 am – 10:05 am  Discussion

**Rapid Fire Session 2D – Pediatrics**  
**Moderators:** James T. Guille, MD, Premier Orthopaedics – Brandywine Institute of Orthopaedics Division, Pottstown, PA  
Ronald A. Lehman, MD, Columbia University Medical Center, New York, NY

9:33 am – 9:37 am  Fluoroscopic Imaging Overestimates Screw Tip To Bone Distance In SCFE Model  
Michael J. Heffernan, MD, Children’s Hospital New Orleans/LSU Health Science Center, New Orleans, LA

9:37 am – 9:41 am  Appropriateness of Pediatric Orthopaedic Transfers to a Level 1 Hospital
9:41 am – 9:45 am  Club Foot Revisited - A Neuromuscular Disease  
*John E. Handelsman, MD, FRCS, MCh Orth, Hospital for Joint Diseases, NYU Langone Medical Center, New York, NY*

9:45 am – 9:49 am  Discussion

9:49 am – 9:53 am  Epidemiology Of Clubfoot: A Meta-Analysis Identifying Modifiable Risk Factors  
*Shevaun Doyle, MD, Hospital for Special Surgery, New York, NY*

9:53 am – 9:57 am  Conjoined Versus Isolated Shoulder Tendon Transfers In Brachial Plexus Palsy  
*William R. Smith, MD, Temple University Hospital, Philadelphia, PA*

9:57 am – 10:01 am  Reliability Of A Modified Complication Classification System In Pediatric Orthopedics  
*Rubini Pathy, MD, British Columbia Children's Hospital, Vancouver, British Columbia, Canada*

10:01 am – 10:05 am  Discussion

**Rapid Fire Session 2E – Total Joint Arthroplasty**

**Moderators:** Michael P. Bolognesi, MD, Duke University Medical Center, Durham, NC  
Michael P. Ast, MD, Mercer-Bucks Orthopaedics, PC, Hamilton, NJ

9:33 am – 9:37 am  Fighting Nature With Nature: Search For The Ultimate Antibacterial Irrigation Solution  
*Andrea Benazzo, MBA, The Rothman Institute, Philadelphia, PA*

9:37 am – 9:41 am  Assessment Of Bone Perfusion And Arterial Contributions Of The Retinacular System  
*Lionel E. Lazaro, MD, Hospital for Special Surgery, New York, NY*

9:41 am – 9:45 am  Have Large Femoral Heads Fixed The Impingement Problem In THA?  
*Bradford Waddell, MD, Hospital for Special Surgery, New York, NY*

9:45 am – 9:49 am  Discussion

9:49 am – 9:53 am  Modular Cobalt Chromium Acetabular Inserts: A Retrieval Analysis  
*T. David Tarity, MD, Hospital for Special Surgery, New York, NY*

9:53 am – 9:57 am  Pre-Operative MRSA Colonization Screening Increases Risk Of PJI Following TJA  
*Kaitlin M. Carroll, BS, Hospital for Special Surgery, New York, NY  
*Presented by Michael B. Cross MD*

9:57 am – 10:01 am  The Utility Of Leukocyte Esterase Test In The Diagnosis of Culture Negative PJI
10:01 am – 10:05 am  
**Discussion**

10:05 am – 10:25 am  
**BREAK—Please visit Exhibits**

**Session 3 – OREF Report and Presidential Address**  
**Moderator:** James T. Guille, MD, Premier Orthopaedics – Brandywine Institute of Orthopaedics Division, Pottstown, PA

10:25 am – 10:30 am  
OREF Report

10:30 am – 10:35 am  
Introduction Of Presidential Address  
*James T. Guille, MD, Premier Orthopaedics – Brandywine Institute of Orthopaedics Division, Pottstown, PA*

10:35 am – 11:05 am  
Presidential Address  
What I Have Learned Over the Past 20 Years: Orthopedic Surgery, Family, and Fishing!  
*Geoffrey H. Westrich, MD, Hospital for Special Surgery, New York, NY*

**Symposium 2 – Shoulder Arthroscopy**  
**Moderators:** John D. Kelly IV, MD, University of Pennsylvania, Philadelphia, PA  
Darren L. Johnson, MD, University of Kentucky, Lexington, KY

11:05 am – 11:15 am  
Biologics in Rotator Cuff Repair  
*(Buddy) Felix H. Savoie III, MD, Tulane University, New Orleans, LA*

11:15 am – 11:25 am  
Does Surgical Technique Affect Outcomes Following Rotator Cuff Repair?  
*Kenneth D. Montgomery, MD, Tri-County Orthopedics, Cedar Knolls, NJ*

11:25 am – 11:35 am  
Indications for RC Repair in 2016 – Do We Need to Fix Them All?  
*Jeffrey S. Abrams, MD, Princeton Orthopaedic Associates, PA, Princeton, NJ*

11:35 am – 11:45 am  
Treatment of Massive Rotator Cuff Tears  
*Lawrence V. Gulotta, MD, Hospital for Special Surgery, New York, NY*

11:45 am – 11:55 am  
Discussion

11:55 am – 1:10 pm  
**EOA Luncheon – Industry Presentation**  
Mallinckrodt Pharmaceuticals  
Ethicon  
Stryker Orthopaedics  
*CME Credit Not Available*

**Session 4 – Spine/Trauma**  
**Moderators:** Scott D. Boden, MD, The Emory Orthopaedics & Spine Center, Atlanta, GA
1:10 pm – 1:16 pm  Evaluation Of Articular Impaction And Posterior Malleolus Comminution On CT
   John S. Hwang, MD, Rutgers-New Jersey Medical School, Newark, NJ
   *Presented by Jacob Didesch, MD

1:16 pm – 1:22 pm  Determining Weight-Bearing Status After Intramedullary Nailing of Tibial Shaft Fractures
   Dustin A. Greenhill, MD, Temple University Hospital, Philadelphia, PA

1:22 pm – 1:28 pm  Surgical Versus Nonsurgical Treatment Of Displaced Ankle Fractures In Diabetics
   Andrew J. Lovy, MD, MS, Mount Sinai Hospital, New York, NY

1:28 pm – 1:34 pm  A Biomechanical Comparison Of Coronoid Fracture Fixation Techniques
   Elan Golan, MD, Maimonides Medical Center, Brooklyn, NY

1:34 pm – 1:40 pm  **Resident Award**
   A Novel Mouse Model To Replicate Human Lumbar Disc Herniation And Radiculopathy
   Xudong Li, MD, PhD, University of Virginia, Charlottesville, VA

1:40 pm – 1:46 pm  **Resident Award**
   Postoperative Pain Following Posterior Iliac Crest Bone Graft Harvesting In Spine Surgery: A Randomized Trial
   Grant D. Shifflett, MD, Hospital for Special Surgery, New York, NY

1:46 pm – 1:52 pm  PJKs Above Instrumented Constructs Decreases With Vertebral Cement Tapered Dose
   David Briski, MD, Ochsner Clinic Foundation, New Orleans, LA

1:52 pm – 1:58 pm  Minimally Invasive TLIF Versus LLIF: Patient Centered Results
   Brandon Cook, MD, Ochsner Clinic Foundation, New Orleans, LA

1:58 pm – 2:04 pm **Resident Travel Grant Award**
   Complications And Readmissions After Lumbar Spine Surgery In Elderly Patients
   Ahmed Saleh, MD, University of Rochester, Rochester, NY

2:04 pm – 2:15 pm  Discussion

**Session 5 – Special Guest Speaker (Hosted by New Jersey Orthopaedic Society)**
**Moderator:** Bruce A. Monaghan, MD, New Jersey Orthopaedic Society, Woodbury, NJ

2:15 pm – 2:17 pm  Introduction of Special Guest
   Marc J. Levine, MD

2:17 pm – 3:15 pm  Special Guest Speaker
   Congressman Thomas E. Price, MD
   Atlanta, GA
Resident Review Course

2:15 pm – 5:15 pm
Frank J. Frassica, MD, Medstar Orthopaedics, Franklin Square Hospital, Baltimore, MD

3:15 pm – 4:15 pm
Scientific E-Poster Session (Presenters will be available to answer questions.)

4:15 pm – 5:45 pm
Multimedia Education Session

Friday, October 21

6:00 am – 7:00 am
Scientific E-Poster Session (Presenters will be available to answer questions.)

7:00 am - 7:05 am
Announcements
Marc J. Levine, MD, Program Chair

Session 6 - Total Hips
Moderators: Javad Parvizi, MD, FRCS, The Rothman Institute, Philadelphia, PA

7:05 am – 7:11 am
Founders’ Award
Differential Effects Of External Beam Irradiation On The Cellular Mechanisms Of Fracture Healing
Robert Edward Holmes, MD, Medical University of South Carolina, Charleston, SC

7:11 am – 7:17 am
Are Patient-Reported Outcomes Different After Anterior Versus Posterior THA Approach?
Michael S. Cremins, PhD, PA-C, Connecticut Joint Replacement Institute, Hartford, CT

7:17 am – 7:23 am
Incidence And Magnitude Of Metal Ion Levels In Blood With Large Ceramic And Metal Femoral Heads: A Prospective Study With Five-Year Follow-Up
Morteza Meftah, MD, NYU Langone Medical Center, Hospital for Joint Disease, New York, NY
*Presented by Amar S. Ranawat, MD

7:23 am – 7:29 am
Hybrid Plasma Scalpel Reduces Blood Loss In Anterior Hip Arthroplasty
Robert P. Runner, MD, Emory University, Atlanta, GA

7:29 am – 7:35 am
EOA/OREF Resident Travel Grant Award
Prospective Evaluation Of The Posterior Tissue Envelope After Anterior THA
Alexander S. McLawhorn, MD, MBA, Hospital for Special Surgery, New York, NY
7:35 am – 7:41 am  Leukocyte Esterase Test Predicts Failure Following Reimplantation In PJI Patients  
Michael M. Kheir, MD, The Rothman Institute at Thomas Jefferson University, Philadelphia, PA  
*Presented by Colin T. Ackerman, BS

7:41 am – 7:47 am  Organisms Associated With Poor Treatment Outcomes In Hip Arthroplasty Infections  
Daniel Cunningham, BS, Duke University Medical Center, Durham, NC  
*Presented by Joseph Kavolus, MD, MSCR

Friedrich Boettner, MD, Hospital for Special Surgery, New York, NY

7:53 am – 8:00 am  Discussion

Symposium 3 – What's New in Limb Lengthening and Deformity Correction  
**Moderators:** S. Robert Rozbruch, MD, Hospital for Special Surgery, New York, NY  
Richard D. Lackman, MD, Cooper University Health Care, Camden, NJ

8:00 am – 8:10 am  Limb Deformity in Kids  
S. Robert Rozbruch, MD, Hospital for Special Surgery, New York, NY

8:10 am – 8:20 am  Trauma and Nonunions  
Joseph R. Hsu, MD, Carolinas Medical Center, Charlotte, NC

8:20 am – 8:30 am  Foot and Ankle Deformity  
Austin T. Fragomen, MD, Hospital for Special Surgery, New York, NY

8:30 am – 8:40 am  Adult Limb Deformity  
S. Robert Rozbruch, MD, Hospital for Special Surgery, New York, NY

8:40 am – 8:50 am  Discussion

8:50 am – 9:10 am  **BREAK – Please visit Exhibits**

Session 7 – BOC Report & Howard Steel Lecture  
**Moderator:** Geoffrey H. Westrich, MD, Hospital for Special Surgery, New York, NY

9:10 am – 9:15 am  2017 Meeting Promotion  
James T. Guille, MD, Premier Orthopaedics – Brandywine Institute of Orthopaedics Division, Pottstown, PA

9:15 am – 9:20 am  BOC Report  
Henry A. Backe Jr., MD, Orthopaedic Specialty Group, Fairfield, CT

9:20 am – 9:23 am  Introduction of Howard Steel Lecturer  
Geoffrey H. Westrich, MD, Hospital for Special Surgery, New York, NY
9:23 am – 10:25 am  Howard Steel Lecturer
James Carville Looks at Politics and the 2016 Race for the White House
James Carville, New Orleans, LA

10:25 am – 10:45 am  **BREAK – Please visit Exhibits**

**Session 8 – Upper Extremity**
**Moderators:** David S. Zelouf, MD, *The Philadelphia Hand Center, Philadelphia, PA*
Randall W. Culp, MD, *The Philadelphia Hand Center, Philadelphia, PA*

10:45 am – 10:51 am  Prospective Evaluation Of Sleep Improvement Following Carpal Tunnel Release Surgery
*Jacob E. Tulipan, MD, Thomas Jefferson University Hospital, Philadelphia, PA*

10:51 am – 10:57 am  Outcomes Following Peripheral Nerve Decompression With Associated Double Crush Syndrome
*Lauren Elisabeth Wessel, MD, New York, NY*

10:57 am – 11:03 am  **EOA/OREF Resident Travel Grant Award**
Hemiarthroplasty Versus Total Shoulder Arthroplasty For Shoulder Osteoarthritis: A Matched Comparison Of Return To Sports
*Grant H. Garcia, MD, Hospital For Special Surgery, New York, NY*

11:03 am – 11:09 am  **Ranawat Award**
Surgery Delays Fracture Healing in a Novel Translational Animal Fracture Model
*Alejandro Marquez-Lara, MD, Wake Forest School of Medicine, Winston-Salem, NC*

11:09 am – 11:15 am  Systematic Review And Meta-Analysis Of Capitellar OCD Lesions
*Seth Bowman, MD, Medical University of South Carolina, Charleston, SC*

11:15 am – 11:21 am  Long-Term Outcomes Of Abduction Osteotomy For Thumb Carpometacarpal Arthritis
*Abdo Bachoura, MD, UPMC Hamot, Erie, PA*

11:21 am – 11:25 am  Discussion

**Symposium 4 – The World of Hip Salvage Surgical Techniques**
**Moderator:**  Danyal H. Nawabi, MD, *Hospital for Special Surgery, New York, NY*

11:25 am – 11:35 am  Hip Arthroscopy for FAI – The Evolution of My Surgical Technique Over the Past 10 Years
*Bryan T. Kelly, MD, Hospital for Special Surgery, New York, NY*

11:35 am – 11:45 am  PAO- Who Needs It, Surgical Alternatives, Concomitant Procedures and My Top Tips for Performing It
*Robert L. Buly, MD, Hospital for Special Surgery, New York, NY*
11:45 am – 11:55 am Imaging in Hip Preservation - What is The Gold Standard in 2016 and Where Are We Headed?  
Douglas N. Mintz, MD, Hospital for Special Surgery, New York, NY

11:55 am – 12:05 pm Snap, Crack, & Pop: The Diagnosis & Treatment of Snapping Hips  
Richard M. Wilk, MD, Lahey Hospital & Medical Center, Burlington, MA

12:05 pm – 12:15 pm Pearls and Pitfalls When Treating Athletic Pubalgia in the Setting of Concomitant FAI  
Mark P. Zoland, MD, Lenox Hill, New York, NY

12:15 pm – 12:25 pm Discussion

12:25 pm – 12:30 pm Presentation of EOA’s First Humanitarian Award by Mark J. Lemos, Lahey Clinic, Peabody, MA

12:30 pm – 1:30 pm EOA Luncheon – Industry Presentation  
Pacira Pharmaceuticals, Inc.  
ConvaTec, Inc.  
*CME Credit Not Available

Rapid Fire Sessions 9A – Sports
Moderators: Richard M. Wilk, MD, Lahey Hospital & Medical Center, Burlington, MA  
Paul C. Collins, MD, Boise, ID

1:33 pm – 1:37 pm Biomechanical Evaluation Of First And Second Generation All Soft Suture Glenoid Anchors  
Frank Chiarappa, MD, Rutgers- Robert Wood Johnson Medical School, New Brunswick, NJ

1:37 pm – 1:41 pm Measuring Pitching Fatigue With A Custom-Made Device  
Damian Andrisani, MD, Delaware Orthopaedic Specialists, Wilmington, DE

1:41 pm – 1:45 pm In Office Diagnostic Arthroscopy - Results Of A Needle Based Design  
G. Dean Harter, MD, Geisinger Medical Center, Danville, PA

1:45 pm – 1:49 pm Functional Outcomes And Return To Play Reporting In SLAP Tear  
Michael E. Steinhaus, MD, Hospital for Special Surgery, New York, NY

1:49 pm – 1:54 pm Discussion

1:54 pm – 1:58 pm Lack Of Confidence Affects Movement Patterns Following ACL Reconstruction  
Matthew D. Crawford, MD, Duke University Medical Center, Durham, NC

1:58 pm – 2:02 pm Cyclists Undergoing Hip Arthroscopy Have Greater Chondromalacia Compared Non-Cyclists
Austin V. Stone, MD, PhD, Wake Forest School of Medicine, Winston-Salem, NC

2:02 pm – 2:06 pm
Different Optimal Alignment In Medial And Lateral Unicompartmental Knee Arthroplasty
Jelle P. van der List, MD, Hospital for Special Surgery, New York City, NY

2:06 pm – 2:10 pm
Return To Sport After Shoulder Arthroplasty: A Systematic Review And Meta-Analysis
Joseph Liu, MD, Hospital for Special Surgery, New York, NY
*Presented by Michael Steinhaus, MD

2:10 pm – 2:15 pm
Discussion

Rapid Fire Sessions 9B – Spine
Moderators: James T. Guille, MD, Premier Orthopaedics – Brandywine Institute of Orthopaedics Division, Pottstown, PA
Ronald A. Lehman, MD, Columbia University Medical Center, New York, NY
Mitchell F. Reiter, MD, New Jersey Spine Specialists, LLC, Summit, NJ

1:33 pm – 1:37 pm
Progressive Thoracolumbar Kyphosis And Pelvic Mismatch In Adolescents With Achondroplasia
Tyler Kreitz, MD, Thomas Jefferson University Hospital, Philadelphia, PA

1:37 pm – 1:41 pm
Postoperative Surgical Site Infection Increases Mortality following Elective Spine Surgery
David Casper, MD, Thomas Jefferson Hospital, Philadelphia, PA
*Presented by Benjamin Zmistowski, MD

1:41 pm – 1:45 pm
The Prevalence Of Ossification Of The Posterior Longitudinal Ligament (OPLL)
Jillian Gruber, BA, University of Rochester School of Medicine and Dentistry, Rochester, NY
*Presented by Ahmed Saleh, MD

1:45 pm – 1:49 pm
Outcomes Following Surgical And Nonsurgical Management Of Hyperostotic Spine Fractures
Daren McCalla, MD, University of Rochester, Rochester, NY

1:49 pm – 1:54 pm
Discussion

1:54 pm – 1:58 pm
Does Approach To The Cervicothoracic Junction Affect Outcomes In Long Cervical Fusion?
Nikhil Sahai, MD, MPH, University Spine Center/Seton Hall University, Wayne, NJ
*Presented by Nicole Record, DO

1:58 pm – 2:02 pm
Patient Characteristics, Neurologic Status Are Associated With Mortality Following SCI
Benjamin Zmistowski, MD, Thomas Jefferson University Hospital, Philadelphia, PA

2:02 pm – 2:06 pm  National Trends For Primary And Revision Lumbar Disc Arthroplasty
Comron Saifi, MD, Columbia University, New York, NY

2:06 pm – 2:10 pm  C2 Spinous Process: An Intraoperative Landmark In Posterior Cervical Surgery
Andrew Pham, MD, Medical University of South Carolina, Charleston, SC

2:10 pm – 2:15 pm  Discussion

Rapid Fire Sessions 9C – Trauma
Moderators: Kevin D. Plancher, MD, Albert Einstein College of Medicine, New York, NY

1:33 pm – 1:37 pm  Modified Frailty Index Predicts Postoperative Complications In Lower Extremity Trauma
Robert P. Runner, MD, Emory University, Atlanta, GA

1:37 pm – 1:41 pm  The Role Of BMI In Hip Fracture Surgery
Sheriff D. Akinleye, MD, Maimonides Medical Center, Brooklyn, NY

1:41 pm – 1:45 pm  Efficacy And Safety Of Tranexamic Acid In Orthopedic Fracture Surgery: A Meta Analysis
Kamil Amer, BS, Temple University Lewis Katz School of Medicine, Philadelphia, PA

1:45 pm – 1:49 pm  A Dedicated Orthopaedic Trauma Room Improves Operating Room Efficiency
Carlos A. Sagebien, MD, University Orthopaedic Associates, Somerset, NJ

1:49 pm – 1:54 pm  Discussion

1:54 pm – 1:58 pm  Treatment And Outcomes Of Patients With Ipsilateral Acetabular And Femur Fractures: A Multicenter Retrospective Analysis
CPT Justin M. Hire, MD, Eisenhower Army Medical Center, Fort Gordon, GA

1:58 pm – 2:02 pm  Radiographic Outcomes with an Oblique Screw with Distal Femoral Locking Plates
Sonya Khurana, MD, New York Medical College-Westchester Medical Center, Valhalla, NY

2:02 pm – 2:06 pm  Predicting Unfavorable Discharge Disposition Among Hip Fracture Patients by STTGMA
Hesham Saleh, BS, NYU Hospital for Joint Diseases, New York, NY

2:06 pm – 2:10 pm  Complications In Morbidly Obese After Isolated Open Tibia Fractures ORIF
Nisha N. Branch, MD, MPH, Brooklyn, NY

2:10 pm – 2:15 pm Discussion

Rapid Fire Sessions 9D – Knee Arthroplasty
Moderators:  Adam J. Rana, MD, Maine Medical Center, Portland, ME

1:33 pm – 1:37 pm Oral Tranexamic Acid Reduces Transfusions In Total Knee Arthroplasty
Roger E. Perreault, BA, New England Baptist Hospital, Boston, MA

1:37 pm – 1:41 pm Who is Not a Candidate for a One-Day Hospital-Based Total Knee Arthroplasty?
Udai Sibia, MD MBA, Anne Arundel Medical Center, Annapolis, MD

1:41 pm – 1:45 pm Does Kneeling After Total Knee Arthroplasty Affect Patient Satisfaction?
Karim Sabeh, MD, University of Miami/Jackson Memorial Hospital, Miami, FL

1:45 pm – 1:49 pm Vascular Complications Following Total Knee Arthroplasty-A Single Institutional Experience
Eric M. Padegimas, MD, Thomas Jefferson University Hospital, Philadelphia, PA

1:49 pm – 1:54 pm Discussion

1:54 pm – 1:58 pm Impact Of Total Knee Arthroplasty On Golfing Activity
Douglas VanderBrook, MD, Albany Medical Center, Albany, NY

1:58 pm – 2:02 pm Predictors Of In-Hospital Complications Of Total Joint Arthroplasty
Ali Oliashirazi, MD, Cabell Huntington Hospital, Marshall University, Huntington, WV

2:02 pm – 2:06 pm Total Knee Antibiotic Spacer Outcomes For Periprosthetic Joint Infection
Scott R. Nodzo, MD, Hospital for Special Surgery, New York, NY
*Presented by Keely Boyle, MD

2:06 pm – 2:10 pm Wound Vacuum Dressings Effect On Complications After Primary Knee Arthroplasty
Joseph H. Dannenbaum IV, MD, Madigan Army Medical Center, Tacoma, WA

2:10 pm – 2:15 pm Discussion

Rapid Fire Sessions 9E – Hip Arthroplasty
Moderators:  Michael P. Bolognesi, MD, Duke University Medical Center, Durham, NC

1:33 pm – 1:37 pm A1C, Prealbumin Associated With Poor Outcomes In Periprosthetic Hip Infection
Daniel Cunningham, BS, Duke University Medical Center, Durham, NC
1:37 pm – 1:41 pm  Factors Influencing Operating Room Air Quality: A Prospective Observational Study  
*Maryam Rezapoor, MS, The Rothman Institute, Philadelphia, PA*

1:41 pm – 1:45 pm  Go Long! Direct Anterior THA Using A Standard-Length Tapered Stem  
*Shaoqi Tian, MD, The Rothman Institute at Thomas Jefferson University, Philadelphia, PA*

1:45 pm – 1:49 pm  Patient Satisfaction Reporting After Total Hip Arthroplasty: A Systematic Review  
*Cynthia Kahlenberg, MD, Hospital for Special Surgery, New York, NY*

1:49 pm – 1:54 pm  Discussion

1:54 pm – 1:58 pm  Bariatric Surgery Before THA Improves 90-Day Postoperative Outcomes After THA  
*Alexander S. McLawhorn, MD, MBA, Hospital for Special Surgery, New York, NY*

1:58 pm – 2:02 pm  Comparison Of Direct And Lateral Hemiarthroplasty Approaches To The Hip  
*Victor Carlson, BS, Sidney Kimmel Medical College at Thomas Jefferson University, Egg Harbor Township, NJ*  
*Presented by Peter Boyle, DO*

2:02 pm – 2:06 pm  Early Periprosthetic Femoral Fractures In Direct Anterior Approach Hip Arthroplasty  
*Marcel A. Bas, MD, Lenox Hill Hospital, New York, NY*  
*Presented by Cameron Yau, MD*

2:06 pm – 2:10 pm  Preoperative Pain Threshold Measurement May Prevent Opiate Overprescription After Arthroplasty  
*Brian T. Nickel, MD, Duke University Medical Center, Durham, NC*

2:10 pm – 2:15 pm  Discussion

2:15 pm – 3:15 pm  **Scientific E-Poster Session** (Presenters will be available to answer questions.)

3:15 pm – 5:15 pm  **Multimedia Education Session**

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**Saturday, October 22**

6:00 am – 7:00 am  **Scientific E-Poster Session** (Presenters will be available to answer questions.)

7:00 am - 7:05 am  **Announcements**  
*Marc J. Levine, MD, Program Chair*
7:05 am – 7:11 am **Resident Travel Grant Award**
The Old Dog But A New Trick! At Last A Serum Marker For Diagnosis Of Periprosthetic Joint Infection  
*Alisina Shahi, MD, The Rothman Institute at Thomas Jefferson University, Philadelphia, PA*

7:11 am – 7:17 am Combined Adductor Canal Block And Periarticular Injection With Liposomal Bupivacaine  
*Foster Chen, MD, Montefiore Medical Center, Bronx, NY*

7:17 am – 7:23 am National Trends Of Blood Transfusion After Primary Total Knee Arthroplasty  
*Nicholas Schraut, MD, University of Massachusetts, Worcester, MA*

7:23 am – 7:29 am Patient Reported Outcomes In Primary TKA Among Currently Available Products  
*William G. Hamilton, MD, Anderson Orthopaedic Research Institute, Alexandria, VA*

7:29 am – 7:35 am Patient Oriented Outcomes In Primary Total Knee Arthroplasty: Perception Or Reality  
*Jesus M. Villa, MD, Arthritis Surgery Research Foundation, South Miami, FL*

7:35 am – 7:41 am Cementless versus Cemented TKA: Shorter Operative Time And Similar Complications  
*Alvin Ong, MD, The Rothman Institute, Egg Harbor Township, NJ*  
*Presented by Camilo Restrepo, MD*

7:41 am – 7:47 am **Resident Award**
Medial Uni Arthroplasty: Avoiding Failure With Correct Alignment- 8-Year Follow-Up  
*Adriana Jimenez-Gonzalez, MD, Orthopaedic Foundation, Stamford, CT*

7:47 am – 7:53 am Time-Driven Activity-Based Costing: Measuring Costs Of The TKA Care Cycle  
*John Palsis, MD, Medical University of South Carolina, Charleston, SC*

7:53 am – 7:59 am In Which Patient Perform Lateral Unicompartmental Or Total Knee Arthroplasty?  
*Jelle P. van der List, MD, Hospital for Special Surgery, New York City, NY*

7:59 am – 8:05 am Discussion

**Symposium 5 - Arthroscopic Knee Surgery Hot Topics**
Moderator: Mark J. Lemos, MD, Lahey Clinic, Peabody, MA

8:05 am – 8:15 am  "My ACL Approach for the Elite Athlete"
Misty Suri, MD, MS, Ochsner Health System, New Orleans, LA

8:15 am – 8:25 am  Meniscal Root Tear Repairs
John D. Kelly IV, MD, University of Pennsylvania, Philadelphia, PA

8: 25 am – 8:35 am  PLC Injury in the Athlete: Fix, Augment, or Run Away
Anil S. Ranawat, MD, Hospital for Special Surgery, New York, NY

8:35 am – 8:45 am  Articular Cartilage Defects Management
Michael O'Brien, MD, Tulane University, New Orleans, LA

8:45 am – 8:55 am  Discussion

8:55 am – 9:05 am  Second Business Meeting

9:05 am – 9:30 am  BREAK – Please visit Exhibits

Session 11 – Presidential Guest Speaker
Moderator: Geoffrey H. Westrich, MD, Hospital for Special Surgery, New York, NY

9:30 am – 9:35 am  Introduction of Presidential Guest Speaker
Geoffrey H. Westrich, MD, Hospital for Special Surgery, New York, NY

9:35 am – 10:05 am  Presidential Guest Speaker
New Technology: Can We Afford It?
Thomas P. Sculco, MD, Hospital for Special Surgery, New York, NY

Rapid Fire Sessions 12A – Sports
Moderators: Richard M. Wilk, MD, Lahey Hospital & Medical Center, Burlington, MA

10:08 am – 10:12 am  Using MRI To Define Anatomy Of Anterior Inferior Iliac Spine
Eric J. Kropf, MD, Lewis Katz School of Medicine at Temple University, Philadelphia, PA
*Presented by Megan Reilly, MD

10:12 am – 10:16 am  The Role Of MRI In Diagnosing Biceps Chondromalacia
Mary E. Shorey, BA, Hospital for Special Surgery, New York, NY

10:16 am – 10:20 am  Application Of Extracorporeal Shockwave Therapy In US Military Medical Facilities
Sally Corey, DO, Dwight D. Eisenhower Army Medical Center, Ft Gordon, GA

10:20 am – 10:24 am  Stem Cell Therapy Provides Functional Improvement In Chronic Tendinopathies
Yonatan G. Keschner, MD, Orthopaedic Foundation, Stamford, CT
*Presented by Kevin D. Plancher, MD
10:24 am – 10:29 am Discussion

10:29 am – 10:33 am Longer Duration Of Symptoms Correlates With Hip Chondral Defect Severity
*Alejandro Marquez-Lara, MD, Wake Forest School of Medicine, Winston-Salem, NC*

10:33 am – 10:37 am Youth Single Sport Specialization: A Survey Of High School, Collegiate, And Professional Athlete
*Patrick S. Buckley, MD, The Rothman Institute at Thomas Jefferson University Hospital, Philadelphia, PA*

10:37 am – 10:41 am Osteoid Osteoma Of The Hip: A Unique Source Of Impingement
*Andrea Spiker, MD, Hospital for Special Surgery, New York, NY*

10:41 am – 10:45 am Internet Resources For Tommy John Injuries: What Are Patients Reading?
*Christine C. Johnson, MD, Hospital for Special Surgery, New York, NY*

10:45 am – 10:50 am Discussion

**Rapid Fire Sessions 12B – Upper Extremity & Total Hip**

Moderators: Kevin D. Plancher, MD, *Albert Einstein College of Medicine, New York, NY*
Bruce A. Monaghan, MD, *New Jersey Orthopaedic Society, Woodbury, NJ*

10:08 am – 10:12 am **NJOS Travel Grant Award Winner**
Reliability Of Soong Grade For Volar Plate Position
*Megan Lisset Jimenez, DO, Inspire Health Network, Vineland, NJ*

10:12 am – 10:16 am **NJOS Travel Grant Award Winner**
The Cost Of Orthopaedic Trauma Implants: Perception Versus Reality
*Mark Ayoub, MD, Rutgers-Robert Wood Johnson University Hospital, New Brunswick, NJ*

10:16 am – 10:20 am Hidden Cost Of Orthopaedic Residents Performing Open Carpal Tunnel Release
*Dane Daley, MD, Medical University of South Carolina, Charleston, SC*

10:20 am – 10:24 am Post-Operative Immobilization Following Surgical Release For De Quervain’s Disease
*Eric Gordon, MD, Medical University of South Carolina, Charleston, SC*

10:24 am – 10:29 am Discussion

10:29 am – 10:33 am Wrist Septic Arthritis: Incidence, Risk Factors, And Predictors Of Infection
*John D. Jennings, MD, Temple University Hospital, Philadelphia, PA*

10:33 am – 10:37 am MRI Versus CT For Shoulder Osteoarthritis Doesn’t Change Preoperative Decision-Making
Xinning Li, MD, Boston University School of Medicine, Boston, MA

10:37 am – 10:41 am  Behavior Of Prosthetic Radial Heads – Effect Of Geometric Mismatch
William Behrens, BS, University of Kentucky, Lexington, KY

10:41 am – 10:45 am  Total Hip Arthroplasty In Young Patients With Osteonecrosis Of The Hip
Ishaan Swarup, MD, Hospital for Special Surgery, New York, NY

10:45 am – 10:50 am  Discussion

**Rapid Fire Sessions 12C – Mixed Bag**

**Moderators:** James T. Guille, MD, Premier Orthopaedics – Brandywine Institute of Orthopaedics 
Division, Pottstown, PA
Ronald A. Lehman, MD, Columbia University Medical Center, New York, NY

10:08 am – 10:12 am  Preliminary Results From A Longitudinal Study Of Radiation Exposure In Orthopaedic Residents
Elizabeth B. Gausden, MD, Hospital for Special Surgery, New York, NY

10:12 am – 10:16 am  Medicaid Reimbursement For Common Orthopaedic Procedures: Are Compensation Rates Consistent?
Jayanth Vatson, BS, Thomas Jefferson University Hospital, Philadelphia, PA

10:16 am – 10:20 am  Statistical Significance In Trauma Research: Too Unstable To Trust?
Robert L. Parisien, MD, Boston University Medical Center, Boston, MA

10:20 am – 10:24 am  ACGME Regulations Decrease First Year Orthopedic Attending’s Clinical Preparedness
Steven T. DiSegna, MD, University of Massachusetts Memorial Medical Center, Worcester, MA

10:24 am – 10:29 am  Discussion

10:29 am – 10:33 am  The Fate Of The Summer Medical Student: Analysis Of Specialty Choice And Research Productivity After An Orthopedic Summer Research Program
Sravisht Iyer, MD, Hospital for Special Surgery, New York, NY

10:33 am – 10:37 am  Orthopaedic Operating Room Surface Cleanliness Measured With A Handheld ATP-Bioluminescence Assay
Raveesh D. Richard, MD, Geisinger Medical Center, Danville, PA

10:37 am – 10:41 am  Modernizing Osteoarthritis Treatment: The Lifetime Initiative For The Management Of Arthritis
Yousuf Sayeed, MS, New York University, New York City, NY

10:41 am – 10:45 am  High Patient Satisfaction And Early Return To Function After UKA
Bryan Huber, MD, Morrisville Orthopaedic/Copley Hospital, Morrisville, VT
10:45 am – 10:50 am Discussion

**Rapid Fire Sessions 12D – Knee Arthroplasty**

**Moderator:** Adam J. Rana, MD, *Maine Medical Center, Portland, ME*

10:08 am – 10:12 am Efficacy Of Physical Therapy Pre-Operative Education With Supplemental Web-Based Application On Patient Satisfaction And Functional Outcomes Post Total Joint Replacement: A Randomized Controlled Trial  
*Presented by Amar S. Ranawat, MD*

10:12 am – 10:16 am Impact Of Guideline Changes On Aspirin Prescribing After Knee Arthroplasty  
*Sarav Shah, MD, Long Island Jewish Medical Center, New Hyde Park, NY*

10:16 am – 10:20 am Radiographic Differences In Total Knee Arthroplasty Patients With Anterior Pain  
*Sherwin Su, MD, Hospital for Special Surgery, New York, NY*

10:20 am – 10:24 am Ipsilateral Hip Osteoarthritis: Does it Affect Primary Total Knee Arthroplasty Outcomes?  
*Jeffrey Engorn, DO, The Center for Advanced Orthopedics at Larkin, South Miami, FL*

10:24 am – 10:29 am Discussion

10:29 am – 10:33 am Total Knee Arthroplasty In Patients With Pigmented Villonodular Synovitis  
*Colin T. Penrose, BA, Duke University Medical Center, Durham, NC*

10:33 am – 10:37 am Navigated Naturally Aligned Total Knee Arthroplasty In Varus Knees  
*Pasquale Petrera, MD, Peninsula Regional Medical Center/Nanticoke Memorial Hospital, Salisbury, MD*

10:37 am – 10:41 am Enhanced Recovery Pathway After TKA: Decreased Length Of Stay, Increased Satisfaction  
*Mitchell R. Klement, MD, Duke University Medical Center, Durham, NC*

10:41 am – 10:45 am Revision Arthroplasty For Management Of Stiffness After Total Knee Replacement  
*Joaquin Moya-Angeler, MD, Lenox Hill Hospital, New York, NY*

10:45 am – 10:50 am Discussion

**Rapid Fire Sessions 12E – Hip Arthroplasty**

**Moderator:** Michael P. Bolognesi, MD, *Duke University Medical Center, Durham, NC*
Simultaneous Bilateral THA Using The Direct Anterior Approach
Matthew L. Brown, MD, Wake Forest Baptist Medical Center, Winston-Salem, NC

X-Ray Imaging Of Acetabular Shells: Do Radiolucent Lines Always Correlate To Physical Gap?
Ahmad Faizan, PhD, Mahwah, NJ

Societal Cost Savings of Total Hip Arthroplasty: A Markov Analysis
Andrew J. Lovy, MD, MS, Mount Sinai Hospital, New York, NY

Acetabular Positioning After Adoption Of Robotic Versus Fluoroscopic Guidance In THA
Eli Kamara, MD, Lenox Hill Hospital, New York, NY

Discussion

Is Seasonality A Factor In Outcomes After THA?
Samuel Rosas, MD, Holy Cross Orthopedic Research Institute, Ft. Lauderdale, FL

The Effect Of Elastic Modulus Of A Tapered THA Femoral Stem On Bone Remodeling And Clinical Outcome
Carlos J. Lavernia, MD, The Center for Advanced Orthopedics at Larkin, South Miami, FL
*Presented by Jesus M. Villa, MD

The Effects Of Elastic Moduli On Primary THA: A Clinical And Radiographic Follow-Up
Jesus M. Villa, MD, Arthritis Surgery Research Foundation, South Miami, FL

Hemiradical Resection For Hip Infection: Duke Experience
Joseph J. Kavolus, MD, MSCR, Duke University Medical Center, Durham, NC

Discussion

Refreshment Break

Symposium 6 – Hot Topics in Shoulder Arthroplasty
Moderator: Claudius D. Jarrett, MD, Emory University School of Medicine, Atlanta, GA

Dealing with The Painful Shoulder Arthroplasty
Lawrence V. Gulotta, MD, Hospital for Special Surgery, New York, NY

Reverse Shoulder Arthroplasty for Proximal Humerus Fracture
Balazs Galdi, MD, Rutgers-New Jersey Medical School, Newark, NJ

What is the Ideal Implant Design for Anatomic TSA 2016?
Andrew S. Neviaser, MD, The GW Medical Faculty Associates, Washington, DC

11:30 am – 11:40 am Management of Glenoid Bone Loss in Shoulder Arthroplasty
Grant E. Garrigues, MD, Duke University Medical Center, Durham, NC

11:40 am – 11:50 am Discussion

11:50 am – 12:20 pm EOA Luncheon – Industry Presentation
Exactech, Inc.
*CME Credit Not Available

Session 13 – Foot & Ankle
Moderators: Sameh A. Labib, MD, Emory University, Atlanta, GA

12:20 pm – 12:26 pm EOA/OREF Resident Travel Grant Award
Arthroscopic Ankle Arthrodesis: A Long Term Follow Up Study
Christopher R. Jones, MD, The Southeast Permanente Medical Group, Athens, GA

12:26 pm – 12:32 pm Resident Travel Grant Award
The Effect Of Exercise On Tibial Plateau Cartilage Morphology
Kwadwo A. Owusu-Akyaw, MD, Duke University Medical Center, Durham, NC

12:32 pm – 12:38 pm Resident Travel Grant Award
Recurrent Hallux Valgus: 15 Year Single Surgeon Series
Andrew Park, MD, Thomas Jefferson University, Pennsylvania, PA

12:38 pm – 12:44 pm Resident Travel Grant Award
Agility Total Ankle Arthroplasty: Midterm Follow-Up Outcome Study
David M. Beck, MD, Thomas Jefferson University Hospital, Philadelphia, PA

12:44 pm – 12:50 pm Economic Analysis And Patient Satisfaction Associated With Outpatient Total Ankle Arthroplasty
Tyler Gonzalez, MD MBA, Boston Children's Hospital, Boston, MA

12:50 pm – 12:56 pm Development Of A Novel Small Animal Ankle Arthrodesis Model
Rishin J. Kadakia, MD, Emory University, Atlanta, GA

12:56 pm – 1:02 pm Microfracture Versus Osteochondral Autologous Transplantation For High-Grade Osteochondral Lesions Of The Talus: A Prospective Comparative Analysis
Sameh A. Labib, MD, Emory University, Atlanta, GA

1:02 pm – 1:20 pm Discussion

1:20 pm – 2:20 pm Multimedia Education Session