

**2017 EOA Scientific Program  
October 19-21, 2017  
Loews Hotel, South Beach  
(Presenters and times are subject to change.)**

**Thursday, October 19, 2017**

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**  
*James T. Guille, MD, President*  
*Richard M. Wilk, MD, Program Chair*

**Session 1 – Sports Medicine/Upper Extremity**

Moderators:    Mark J. Lemos, MD, *Lahey Clinic*  
                     Balazs Galdi, MD, *Rutgers-New Jersey Medical School*

7:05 am – 7:11 am                    **Richmond Arthroscopy/Sports Medicine Award**  
Femoral vs. Adductor Canal Nerve Block for ACL Reconstruction  
*Robert P. Runner, MD, Emory University*

7:11 am – 7:17 am                    SF-12 Predicts Return to Play and MCID after ACL Reconstruction  
*Benedict U. Nwachukwu, MD, MBA, Hospital for Special Surgery*

7:17 am – 7:23 am                    **Resident Travel Grant Award**  
Precision and Accuracy of Patient vs. Surgeon Expectations Following ACL-Reconstruction  
*Danielle Weekes, MD, Rothman Institute*

7:23 am – 7:29 am                    The Impact of Raising the Checking Age on Hockey Injuries  
*David P. Trofa, MD, Columbia University School of Medicine - New York Presbyterian*

7:29 am – 7:35 am                    Adipose Tissue Area vs. BMI: Correlations with Outcome after Meniscectomy  
*Amos Dai, BS NYU, Hospital for Joint Diseases*  
*\*Presented by Michael Pickell, MD*

7:35 am – 7:41 am                    Preoperative ASES Scores Predict Substantial Clinical Benefit Following Shoulder Arthroplasty  
*Joseph N. Liu, MD, Hospital for Special Surgery*  
*\*Presented by Michael Steinhaus, MD*

7:41 am – 7:47 am                    **Resident Travel Grant Award**  
Sonographic Changes in the Median Nerve Correlate to Symptom Severity and Nerve Conduction Severity in Patients with Carpal Tunnel Syndrome  
*Lauren E. Wessel, MD, Hospital for Special Surgery*

7:47 am – 7:53 am	<b>Resident Travel Grant Award</b> External Rotation Restoration after Reverse Shoulder Arthroplasty Without Latissimus Transfer <i>Derek Berglund, MD, Holy Cross Orthopedic Institute</i>
7:53 am – 7:59 am	Participation in Work and Sport Following Shoulder Arthroplasty – A Comparison of Reverse and Anatomic <i>Jennifer Kurowicki, MD, Holy Cross Orthopedic Research Institute</i>
7:59 am – 8:05 am	Discussion
8:05 am – 8:20 am	First Business Meeting
8:20 am – 8:40 am	<b><i>BREAK—please visit Exhibits</i></b>

### **Symposium 1 – Knee Reconstruction**

Moderator: Geoffrey H. Westrich, MD, *Hospital for Special Surgery*

8:40 am – 8:50 am	Primary TKA: Tips for Success <i>George N. Guild III, MD, Peachtree Orthopaedic Clinic</i>
8:50 am – 9:00 am	Navigation for TKA in 2017 <i>Seth A. Jerabek, MD, Hospital for Special Surgery</i>
9:00 am – 9:10 am	TJA Bundles: Getting in the Game <i>Richard Iorio, MD, NYU Langone Medical Center</i>
9:10 am – 9:20 am	Bilateral TKA: Choosing Wisely <i>Michael P. Bolognesi, MD, Duke University Medical Center</i>
9:20 am – 9:30 am	Unicondylar Knee Replacement: Current Concepts <i>Andrew D. Pearle, MD, Hospital for Special Surgery</i>
9:30 am – 9:40 am	Discussion

### **Rapid Fire Session 2A – Sports Medicine**

Moderator: Joshua A. Baumfeld, MD, *Lahey Hospital & Medical Center*  
Sara L. Edwards, MD, *Sports Orthopedic & Rehab*

9:43 am – 9:47 am	Statistical Fragility in the Sports Medicine Literature <i>Robert L. Parisien, MD, Boston Medical Center</i> <i>*Presented by Xinning Li, MD</i>
9:47 am – 9:51 am	Exertional Rhabdomyolysis in Collegiate Football Players <i>Thomas X. Nguyen, MD, Howard University Hospital</i>
9:51 am – 9:55 am	Arthroscopic Repair of Isolated Partial- and Full-Thickness Upper Third Subscapularis Tendon Tears: Minimum 2-Year Outcomes after Single- Anchor Repair and Biceps Tenodesis

*Alexander R. Vap, MD, Virginia Commonwealth University*

- 9:55 am – 9:59 am Discussion
- 9:59 am – 10:03 am Modified Tension Slide Technique in Distal Biceps Repair  
*James Mullen, MD, Hofstra North Shore Long Island Jewish Health System-Nwell Health*
- 10:03 am – 10:07 am Anatomic ACL Reconstruction via Independent Tunnel Drilling: A Systematic Review  
*Michael C. Ciccotti, MD, Thomas Jefferson University Hospital*
- 10:07 am – 10:11 am Avulsion of the Proximal Adductor Longus Origin: A Biomechanical Analysis of Suture Anchor Reattachment  
*Elan Golan, MD, Maimonides Medical Center*
- 10:11 am – 10:15 am Discussion

**Rapid Fire Session 2B – Total Knee**

Moderator: David Romness, MD, *Ortho Virginia*  
Brian A. Jewett, MD, *Slocum Orthopedics*

- 9:43 am – 9:47 am Trends in Opioid Utilization before and after Total Knee Arthroplasty  
*Beau J. Kildow, MD, Duke University Medical Center*
- 9:47 am – 9:51 am General versus Spinal Anesthesia for TJA: A Single Institution Study  
*Taylor Paziuk, BS, Rothman Institute*
- 9:51 am – 9:55 am Development and Evaluation of a Preoperative Treatment Success Calculator for Periprosthetic Joint Infection  
*Michael M. Kheir, MD, Indiana University*  
*\*Presented by Timothy L. Tan MD*
- 9:55 am – 9:59 am Discussion
- 9:59 am – 10:03 am When Does a Total Knee Replacement Feel Normal Again?  
*Victor Carlson, BS, Thomas Jefferson University*  
*\*Presented by Fabio Orozco, MD*
- 10:03 am – 10:07 am Downward Trending Serology Not Predictive of Two-Stage Revision Arthroplasty Success  
*Gordon X. Wong, BA, Tufts University School of Medicine*  
*\*Presented by Michael Meghpara*
- 10:07 am – 10:11 am Does Bilateral TKA Make Sense in a Bundle Payment Era?  
*Rex Lutz Jr., BS, Rothman Institute*  
*\*Presented by Fabio Orozco, MD*
- 10:11 am – 10:15 am Discussion

## **Rapid Fire Session 2C – Upper Extremity**

Moderator: Kevin D. Plancher, MD, *Albert Einstein College of Medicine*  
Balazs Galdi, MD, *Rutgers-New Jersey Medical School*

- |                     |   |
|---------------------|---|
| 9:43 am – 9:47 am   | NIRS and Cognitive Deficits after Beach Chair Shoulder Surgery: RCT<br><i>Ryan M. Cox, BS Rothman Institute</i><br><i>*Presented by Grant C. Jamgochian, BS</i> |
| 9:47 am – 9:51 am   | Medial Collateral Ligaments: Initial Site of Rupture in Elbow Dislocations<br><i>Jeffrey G. Stepan, MD, MSc, Hospital for Special Surgery</i>                   |
| 9:51 am – 9:55 am   | National and Regional Racial Disparity in Shoulder Arthroplasty<br><i>Eric Gordon, MD, Medical University of South Carolina</i>                                 |
| 9:55 am – 9:59 am   | Discussion  |
| 9:59 am – 10:03 am  | Ultrasonography vs. EMG/NCS in Diagnosis of Nerve Entrapment at Elbow<br><i>Poonam Dalwadi, BS, Emory University</i>  |
| 10:03 am – 10:07 am | Surgeon Experience Is Not Associated with Elbow Arthroscopy Complications<br><i>Alexander H. Jinnah, MD, Wake Forest School of Medicine</i>                     |
| 10:07 am – 10:11 am | Comparison of Pulse Oximetry and Handheld Doppler for Assessing Digital Perfusion<br><i>Megan L. Jimenez, DO, Inspira</i>                                       |
| 10:11 am – 10:15 am | Discussion  |

## **Rapid Fire Session 2D – Pediatrics**

Moderator: James T. Guille, MD, *Brandywine Institute of Orthopaedics*  
J. Richard Bowen, MD, *Alfred I. duPont Hospital for Children (Nemours Foundation)*

- |                   |  |
|-------------------|--|
| 9:43 am – 9:47 am | Prevalence of Ulnar Nerve Palsy with Flexion-Type Supracondylar Humerus Fractures<br><i>Kelvin Kim, BA, NYU Langone Medical Center</i><br><i>*Presented by Afshin A. Anoushiravani, MD</i>                                 |
| 9:47 am – 9:51 am | Utility of Triggered Electromyographic Pedicle Screw Stimulation with Robotic-Assisted Pedicle Screw Insertion in Adolescent Idiopathic Scoliosis<br><i>K. Aaron Shaw, DO, Dwight David Eisenhower Army Medical Center</i> |
| 9:51 am – 9:55 am | Non-Operative Treatment in Pediatric Type I Open Forearm Fractures<br><i>Hui Zhang, MD, Geisinger Medical Center</i><br><i>*Presented by Matthew G. Fanelli, MD</i>  |
| 9:55 am – 9:59 am | Discussion   |

9:59 am – 10:03 am	The Role of CT Scan in the Diagnosis of Acetabular Fracture in the Immature Pelvis <i>M. Kareem Shaath, MD, Rutgers - New Jersey Medical School</i>
10:03 am – 10:07 am	Using Skeletal Age to Better Predict Upper Extremity Growth <i>Lauren E. Karbach, MD, University of Rochester Medical Center</i>
10:07 am – 10:11 am	Treatment of Lower Limb Torsion in Children <i>John E. Handelsman, MD, FRCS, MCh, Orth, NYU Langone Hospital for Joint Diseases</i>
10:11 am – 10:15 am	Discussion

### **Rapid Fire Session 2E – Spine**

Moderator: Marc J. Levine, MD, *Trenton Orthopaedic Group*  
Robert F. McLain, MD, *Outreach Professional Services, Inc.*

9:43 am – 9:47 am	Are Red Flags for Lower Back Pain Really “Red”? <i>William S. Godfrey, MD, Emory Sports Medicine</i> <i>*Presented by Ajay Premkumar, MD</i>
9:47 am – 9:51 am	Comparison of Narcotic Usage: Open vs. Minimally Invasive Lumbar Fusion <i>Michael Hoy, BS, The George Washington University School of Medicine &amp; Health Sciences</i> <i>*Presented by Christine C. Piper, MD</i>
9:51 am – 9:55 am	Impaction Grafting Increases Bone Contact Area During TLIF: A Quantitative In Vitro Comparative Study and Early Clinical Results <i>P. Justin Tortolani, MD, Union Memorial Hospital</i> <i>*Presented by Andrew J. Trontis, MD</i>
9:55 am – 9:59 am	Discussion
9:59 am – 10:03 am	Posterior Cervical Microtube-Foraminotomy versus Anterior Cervical Discectomy and Fusion <i>Conor Dunn, MD, Seton Hall University School of Health and Medical Sciences</i>
10:03 am – 10:07 am	Pseudoarthrosis Rate in Minimally Invasive Transforaminal Lumbar Interbody Fusion (mis-TLIF): 2-yr Outcomes vs. Open TLIF <i>Daniel J. Thibaudeau, MD, Seton Hall University School of Health and Medical Sciences</i>
10:07 am – 10:11 am	Do Surgical Site Infection Rates Differ in Microscope Assisted versus Loope Assisted Lumbar Decompressions? <i>Adan Omar, MD, University of Rochester</i>
10:11 am – 10:15 am	Discussion

10:15 am – 10:35 am                    **BREAK—please visit Exhibits**

**Session 3 – OREF Report and Presidential Address**

Moderator:     Javad Parvizi, MD, FRCS, *Rothman Institute*

10:35 am – 10:40 am                    OREF Report

10:40 am – 10:45 am                    Introduction of Presidential Address  
*Javad Parvizi, MD, FRCS, Rothman Institute*

10:45 am – 11:15 am                    Presidential Address  
*James T. Guille, MD, Brandywine Institute of Orthopaedics*

11:15 pm – 12:15 pm                    **EOA Luncheon – Industry Presentation**  
\*CME Credit Not Available

**Symposium 2 – Hip Reconstruction**

Moderator:     Javad Parvizi, MD, FRCS, *Rothman Institute*

12:15 am – 12:25 am                    Anterior, Posterior, Lateral Approach: Does It Matter?  
*Adam Rana, MD, Maine Medical Center*

12:25 am – 12:35 am                    Bearing Surfaces: How to Choose?  
*Jeffrey S. Zarin, MD, Tufts Medical Center*

12:35 am – 12:45 am                    Outpatient THA: A Reality?  
*Amar S. Ranawat, MD, Hospital for Special Surgery*

12:45 am – 12:55 am                    Painful THA: Evaluation & Management  
*Carlos J. Lavernia, MD, The Center for Advanced Orthopedics at Larkin*

12:55 am – 1:00 pm                    Discussion

**Session 5 – Special Guest Speaker (Hosted by New Jersey Orthopaedic Society)**

**Moderator:** TBD

1:00 pm – 2:00 pm                    Special Guest Speaker & Presentations

**Resident Review Course**

Moderator: TBD

1:00 pm – 1:05 pm                    Introduction

1:05 pm – 1:35 pm                    Musculoskeletal Oncology  
*Sheila A. Conway, MD, University of Miami Health System*

1:35 pm – 2:05 pm                    Trauma  
*Michael S. Kain, MD, Lahey Hospital & Medical Center*

2:05 pm – 2:20 pm                    Questions / Break

2:20 pm – 2:50 pm	Adult Reconstruction <i>Carlos J. Lavernia, MD, The Center for Advanced Orthopedics at Larkin</i>
2:50 pm – 3:20 pm	Sports Medicine <i>Joshua A. Baumfeld, MD, Lahey Hospital &amp; Medical Center</i>
3:20 pm – 3:50 pm	Upper Extremity <i>Charles Cassidy, MD, Tufts Medical Center</i>
3:50 pm – 4:05 pm	Questions / Break
4:05 pm – 4:35 pm	Foot & Ankle <i>Sameh A. Labib, MD, Emory Sports Medicine Center</i>
4:35 pm – 5:05 pm	Pediatrics <i>J. Richard Bowen, MD, Alfred I. duPont Hospital for Children (Nemours Foundation)</i>
1:00 pm – 2:00 pm	<b>Scientific E-Poster Session</b> (Presenters will be available to answer questions.)
2:00 pm – 4:00 pm	<b>Multimedia Education Session</b>

### **Friday, October 20, 2017**

6:00 am – 7:00 am	<b>Scientific E-Poster Session</b> (Presenters will be available to answer questions.)
7:00 am - 7:05 am	<b>Announcements</b> <i>Richard M. Wilk, MD, Program Chair</i>

### **Session 4 – Total Knee/ Total Hip**

Moderators: Chitranjan S. Ranawat, MD, *Hospital for Special Surgery*  
Richard Iorio, MD, *NYU Langone Medical Center*

7:05 am – 7:11 am	Unsupervised Home-Exercise versus Traditional Outpatient Physiotherapy after Primary Total Knee Arthroplasty <i>Andrew N. Fleischman, MD, Rothman Institute</i> <i>*Presented by Meredith P. Crizer, BS</i>
7:11 am – 7:17 am	<b>Ranawat Award</b> Adductor Canal Block vs. Periarticular Bupivacaine Injection in TKA <i>Matthew J. Grosso, MD, Columbia University Medical Center</i>
7:17 am – 7:23 am	Decreasing Incidence of Manipulation under Anesthesia: Using Objective Data to Balance the Modern TKR <i>Jeffrey A. Geller, MD, Columbia University Medical Center</i>

7:23 am – 7:29 am	<b>Resident Award</b> Comparison of Infection Risk with Corticosteroid or Hyaluronic Acid Injection Prior to Total Knee Arthroplasty <i>Shawn S. Richardson, MD, Hospital for Special Surgery</i>
7:29 am – 7:35 am	<b>Founders' Award</b> Diagnosing Periprosthetic Joint Infection: The Promise of Next Generation Sequencing <i>Majd Tarabichi, MD, Rothman Institute</i>
7:35 am – 7:41 am	<b>Resident Travel Grant Award</b> Increased Resource Utilization in Medicaid Patients Following Primary Hip Arthroplasty <i>David Shau, MD, MBA, Emory University</i>
7:41 am – 7:47 am	Surgical Approach Does Not Affect Short Term Stem Subsidence Rate in THA with Cementless Tapered Wedge Stems <i>Coridon Huez, MD, Lenox Hill Hospital</i>
7:47 am – 7:53 am	<b>Resident Travel Grant Award</b> Can Bundled Payments Succeed with Medicaid in Primary Joint Arthroplasty? <i>P. Maxwell Courtney, MD, Rush University Medical Center</i>
7:53 am – 8:00 am	Discussion

### **Rapid Fire Session 5A – Sports Medicine**

Moderator: Mark J. Lemos, MD, *Lahey Hospital & Medical Center*  
Samuel I. Brown, MD, *Sports Medicine and Orthopaedics Center*

8:03 am – 8:07 am	Dynamometer Elbow Strength and Endurance Testing after Distal Biceps Reconstruction with Allograft <i>Mathew Hamula, MD, NYU Hospital for Joint Diseases</i>
8:07 am – 8:11 am	The Impact of Socioeconomic Factors on Outcomes Following Anterior Cruciate Ligament Reconstruction <i>Michael A. Zacchilli, MD, NYU Hospital for Joint Diseases</i>
8:11 am – 8:15 am	AIIS Morphologic Classification: Are Plain Radiographs Enough? <i>Andrew Swentik, MD, Palmetto Health</i>
8:15 am – 8:19 am	Discussion
8:19 am – 8:23 am	Outcomes of Quadriceps Tendon Autograft in Anterior Cruciate Ligament Revision <i>Stephanie Boden, BS, Emory Sports Medicine</i>
8:23 am – 8:27 am	Outcomes after Elmslie-Trillat Osteotomy Using a Minimally Invasive Technique <i>Ian Gao, MD, Emory University</i>



8:27 am – 8:31 am                      Correlating Intra-Operative Hamstring Autograft Size with Anthropometric and MRI Measurements  
*CPT Sally A. Corey, DO, Dwight D. Eisenhower Army Medical Center*

8:31 am – 8:35 am                      Discussion

### **Rapid Fire Session 5B – Trauma**

Moderator:     Mara L. Schenker, MD, *Emory University School of Medicine*  
                     Payam Tabrizi, MD, *Santa Clara Valley Medical Center*

8:03 am – 8:07 am                      Hip Fracture Patients on Non-Warfarin Anticoagulants Is Surgical Delay Warranted?  
*Ariana Lott, BA, New York University Hospital for Joint Diseases*  
*\*Presented by Jack M. Haglin, BS*

8:07 am – 8:11 am                      Is there a Critical Window for Debridement of Open Fractures?  
*Amanda Mener, BS/BA, Emory University School of Medicine*

8:11 am – 8:15 am                      Thigh Compartment Syndrome: When, Why, and How Long to Worry  
*Dustin A. Greenhill, MD, Temple University Hospital*  
*\*Presented by Alexander Johnson, MD*

8:15 am – 8:19 am                      Discussion

8:19 am – 8:23 am                      Earlier Hip Fracture Discharge with a Dedicated Orthopaedic Trauma Room  
*Carlos A. Sagebien, MD, University Orthopaedic Associates*  
*\*Presented by Erin Honcharuk, MD*

8:23 am – 8:27 am                      Dimensions of the Pediatric Femur: Anatomic Considerations for Flexible Nailing  
*Michael Heffernan, MD, LSU Health Science Center*

8:27 am – 8:31 am                      Intra-Articular Lidocaine versus Conscious Sedation in Reducing Anterior Shoulder Dislocations  
*Josh Kotler, BS, Georgetown University School of Medicine*

8:31 am – 8:35 am                      Discussion

### **Rapid Fire Session 5C – Total Hip**

Moderator:     Michael P. Ast, MD, *Mercer Bucks Orthopaedics*  
                     George N. Guild III, MD, *Peachtree Orthopaedic Clinic*

8:03 am – 8:07 am                      14 Year Wear Analysis of Highly Cross-Linked Polyethylene in Young and Active Patients  
*Michael A. Gaudiani, BA, Hospital for Special Surgery*

8:07 am – 8:11 am                      Same Day Discharge Primary Total Hip Arthroplasty: Who Fails and Why?

*Kelvin Kim, BA, NYU Langone Medical Center*

*\*Presented by Afshin A. Anoushiravani, MD*

- 8:11 am – 8:15 am      Spinal Anesthesia Is Superior to General Anesthesia for Total Hip Arthroplasty Patients  
*Michael S. Cremins, PA-C, PhD, Musculoskeletal Outcomes Institute*
- 8:15 am – 8:19 am      Discussion
- 8:19 am – 8:23 am      Neurocognitive Dysfunction and Its Effect on TJA Outcomes  
*Afshin A. Anoushiravani, MD, NYU Hospital for Joint Diseases*
- 8:23 am – 8:27 am      Avascular Necrosis of the Hip: Is It Worth Coring? A Long Term Follow Up  
*Carlos J. Lavernia, MD, Coral Gables, FL*
- 8:27 am – 8:31 am      Nutritional Status Predicts Short-Term Clinical Outcomes Following Total Joint Arthroplasty  
*Cary S. Politzer, BS, Duke University School of Medicine*
- 8:31 am – 8:35 am      Discussion

**Rapid Fire Session 5D Foot & Ankle**

Moderator:    Sameh A. Labib, MD, *Emory Sports Medicine Center*  
                     Jason T. Bariteau, MD, *Emory Orthopaedics and Spine Hospital*

- 8:03 am – 8:07 am      Effect of Post-Operative Toradol Administration on Bone Healing after Ankle Fracture Fixation  
*Elizabeth L. McDonald, BA, Rothman Institute*
- 8:07 am – 8:11 am      Generalizability and Validation of PROMIS Scores to Predict Surgical Success in Foot and Ankle Patients  
*Judith F. Baumhauer, MD, MPH, University of Rochester Medical Center*
- 8:11 am – 8:15 am      Systematic Review: Diagnostic Imaging for CPRS of the Lower Extremity  
*James F. Baker, MD, University of Louisville*
- 8:15 am – 8:19 am      Discussion
- 8:19 am – 8:23 am      Association of Posterior Malleolus Displacement with SER Ankle Fracture Pattern  
*Ashley Levack, MD, MAS, Hospital for Special Surgery*
- 8:23 am – 8:27 am      Ankle Fractures: Utility of Ottawa Ankle Rules and Clinical Practice  
*Jordan Murphy, BS, Georgetown University School of Medicine*
- 8:27 am – 8:31 am      Association of Frailty with Postoperative Outcomes after Elderly Ankle Fractures  
*Rishin J. Kadakia, MD, Emory University*

8:31 am – 8:35 am                      Discussion

**Rapid Fire Session 5E – Upper Extremity**

Moderator:     David S. Zelouf, MD, *The Philadelphia Hand Center*  
                      Marc J. Richard, MD, *Duke University Medical Center*

8:03 am – 8:07 am                      Location of Osteochondritis Dissecans Lesions of the Capitellum  
*Christine C. Johnson, MD, Hospital for Special Surgery*  
*\*Presented by Lauren E. Wessel, MD*

8:07 am – 8:11 am                      Operative versus Non-Operative Treatment for the Management of Non-Traumatic Rotator Cuff Tears: A Meta-Analysis  
*Christine C. Piper, MD, George Washington University Hospital*

8:11 am – 8:15 am                      Routine Use of a Closed-Suction Drain in Total Shoulder Arthroplasty: Is There a Benefit?  
*Benjamin Zmistowski, MD, Rothman Institute*

8:15 am – 8:19 am                      Discussion

8:19 am – 8:23 am                      The Ultimate Fate of Radial Nerve Palsy Associated with Humeral Shaft Fractures  
*Rebekah Belayneh, BA, NYU Hospital of Joint Diseases*

8:23 am – 8:27 am                      Minimally Displaced, Isolated Radial Head Fractures Do Not Require Formal Physical Therapy: Results Of A Prospective Randomized Trial  
*Jack M. Haglin, BS, NYU Hospital for Joint Diseases*

8:27 am – 8:31 am                      RSA Has Higher Perioperative Implant Complications than TSA  
*Xinning Li, MD, Boston Medical Center*

8:31 am – 8:35 am                      Discussion

8:35 am – 8:55 am                      ***BREAK – Please visit Exhibits***

**Session 6 – BOC Report & Howard Steel Lecture**

Moderator:     James T. Guille, MD, *Brandywine Institute of Orthopaedics*

8:55 am – 9:00 am                      BOC Report  
*Henry A. Backe Jr., MD, Orthopaedic Specialty Group*

9:00 am – 9:05 am                      Introduction of Howard Steel Lecturer  
*James T. Guille, MD, Brandywine Institute of Orthopaedics*

9:05 am – 10:00 am                      Howard Steel Lecturer  
America's Oldest Brewery: Still Family-Owned & Operated after 188 Years  
*Dick Yuengling, Jr., Pottsville, PA*

10:00 am – 10:20 am                      ***BREAK – Please visit Exhibits***

### **Symposium 3 – Foot & Ankle**

Moderator: *Sameh A. Labib, MD, Emory Sports Medicine Center*

10:20 am – 10:30 am	Arthroscopic Ankle Fusion Is the Way to Go: Why and How <i>Margaret J. Lobo, MD, Lahey Hospital &amp; Medical Center</i>
10:30 am – 10:40 am	Ankle Replacement: How to Be Successful <i>Stuart D. Miller, MD, Union Memorial Ortho &amp; Sport</i>
10:40 am – 10:50 am	Achilles Tendon Tears: Non-Op, Repair or Augment? <i>Martin J. O'Malley, MD, Weill Cornell Medical College</i>
10:50 am – 11:00 am	Ankle Instability: When to Operate and How? <i>Christopher P. Chiodo, MD, Brigham and Womens Hospital</i>
11:00 am – 11:10 am	Hallux Rigidus: Cheilectomy, Fusion or Even Prosthesis <i>Judith F. Baumhauer, MD, MPH, University of Rochester Medical Center</i>
11:10 am – 11:15 am	Discussion
11:15 am – 12:15 pm	<b>EOA Luncheon – Industry Presentation</b> *CME Credit Not Available

### **Symposium 4 – Shoulder**

Moderator: *Joshua A. Baumfeld, MD, Lahey Hospital & Medical Center*

12:15 pm – 12:25 pm	Shoulder Instability: My Approach in 2017 <i>Xinning Li, MD, Boston University School of Medicine</i>
12:25 pm – 12:35 pm	SLAP Tears in Overhead Athletes <i>Sara L. Edwards, MD, Sports Orthopedic &amp; Rehab</i>
12:35 pm – 12:45 pm	Biceps Disease: When, What, & Where? <i>Ilya Voloshin, MD, University Orthopaedic Associates of Rochester</i>
12:45 pm – 12:55 pm	Design Considerations in Reverse Shoulder Arthroplasty <i>Jonathan C. Levy, MD, Holy Cross Orthopaedic Institute</i>
12:55 pm – 1:00 pm	Discussion
1:00 pm – 2:00 pm	<b>Scientific E-Poster Session</b> (Presenters will be available to answer questions.)
2:00 pm – 3:00 pm	<b>Multimedia Education Session</b>

### **Saturday, October 21, 2017**

6:00 am – 7:00 am	<b>Scientific E-Poster Session</b> (Presenters will be available to answer
-------------------	--

questions.)

7:00 am - 7:05 am

**Announcements**

*Richard M. Wilk, MD, Program Chair*

**Session 7 – Foot & Ankle/Spine /Pediatrics/Other**

Moderators: Judith F. Baumhauer, MD, MPH, *University of Rochester Medical Center*

Marc J. Levine, MD, *Trenton Orthopaedic Group*

7:05 am – 7:11 am

**Resident Travel Grant Award**

Predicting Failure of Nonoperative Treatment for Insertional Achilles Tendinosis

*James Stenson, DO, Rowan University School of Osteopathic Medicine*

7:11 am – 7:17 am

Thromboembolic Events in Elective versus Non-Elective Foot & Ankle Surgery

*Nicholas Yohe, MD, Maimonides Medical Center*

7:17 am – 7:23 am

Neuromonitoring in Deformity Surgery: Impact of Consistency on Surgical Outcomes

*David S. Casper, MD, Shriner's Hospital for Children*

7:23 am – 7:29 am

Effect of Intraspinal Vancomycin Powder on Development of Epidural Fibrosis

*Michael V. Narvaez, MD, Einstein Healthcare Network*

*\*Presented by Benjamin Clippinger, MD*

7:29 am – 7:35 am

**EOA/OREF Resident Travel Grant Award**

Ascorbic Acid Treatment Reverses Radiation-Induced Trabecular Bone Loss in Rats

*T. David Luo, MD, Wake Forest Baptist Medical Center*

7:35 am – 7:41 am

**EOA/OREF Resident Travel Grant Award**

Chordoma Detection Using 5-ALA Tumor Paint

*Shachar Kenan, MD, North Shore-LIJ, Feinstein Institute, Northwell Health Medical Center*

7:41 am – 7:47 am

**EOA/OREF Resident Travel Grant Award**

Vancomycin Powder Prevention of MRSA Biofilm Infection: A Rabbit Model

*J. Paul Hovis, MD, University of Maryland Medical Center*

7:47 am – 7:53 am

**Resident Award**

Solid Cortical versus Cannulated Cancellous Screw Fixation for Lisfranc Injuries

*Joshua C. Rozell, MD, University of Pennsylvania*

7:53 am – 7:59 am

Biomechanical Comparison of Blade Plate Designs in Proximal Femoral Varus Osteotomies

*Joseph J. Ruzbarsky, MD, Hospital for Special Surgery*

- 7:59 am – 8:05 am      **Resident Travel Grant Award**  
Subsequent Surgery Rates Following Closed and Open Reduction of the Developmentally Dysplastic Hip  
*Ishaan Swarup, MD, Hospital for Special Surgery*
- 8:05 am – 8:11 am      **Resident Award**  
Orthopaedic Specialty University Hospitals, Do They Provide Better Outcomes?  
*Jimmy Daruwalla, MD, Emory Sports Medicine*
- 8:11 am – 8:15 am      Discussion
- 8:15 am – 8:45 am      **EOA Breakfast – Industry Presentation**  
\*CME Credit Not Available

### **Symposium 5 – Wrist & Elbow**

Moderator:    Henry A. Backe Jr., MD, *Orthopaedic Specialty Group, Quinnipiac University, Netter School of Medicine*

- 8:45 am – 8:55 am      Elbow Arthroscopy: Tips & Tricks  
*Charles Cassidy, MD, Tufts Medical Center*
- 8:55 am – 9:05 am      Wrist Arthroscopy: Tips & Tricks  
*Marc J. Richard, MD, Duke University Medical Center*
- 9:05 am – 9:15 am      Endoscopic vs Open Carpal Tunnel Release  
*Eon K. Shin, MD, The Philadelphia Hand Center*
- 9:15 am – 9:25 am      Epicondylitis: Current Concepts  
*David S. Zelouf, MD, The Philadelphia Hand Center*
- 9:25 am – 9:35 am      Discussion
- 9:35 am – 9:50 am      **Second Business Meeting**
- 9:50 am – 10:15 am      ***BREAK – Please visit Exhibits***

### **Session 8 – Presidential Guest Speaker**

Moderator:    James T. Guille, MD, *Brandywine Institute of Orthopaedics*

- 10:15 am – 10:20 am      Introduction of Presidential Guest Speaker  
*James T. Guille, MD, Brandywine Institute of Orthopaedics*
- 10:20 am – 10:50 am      Presidential Guest Speaker  
Glorious Orthopaedics  
J. Richard Bowen, MD, *Alfred I. duPont Hospital for Children (Nemours Foundation)*

### **Rapid Fire Session 9A – Sports Medicine**

Moderator: Mark J. Lemos, MD, *Lahey Hospital & Medical Center*  
Josh Hornstein, MD, *Trenton Orthopaedic Group*

- 10:53 am – 10:57 am Patient Reported Outcomes After Isolated Posterior Cruciate Ligament Reconstruction  
*Ryan Rauck, MD Hospital for Special Surgery*
- 10:57 am – 11:01 am Surgical Trends In Hip Arthroscopy Using A Large National Database  
*Nicholas A. Bonazza, MD Penn State Health*  
*\*Presented by Aman Dhawan, MD*
- 11:01 am – 11:05 am MRI Examination of BPTB Donor Site Morphology Following ACL Reconstruction  
*Patrick W. Kane, MD, Steadman Philippon*  
*\*Presented by Weilong J. Shi, MD*
- 11:05 am – 11:09 am Discussion
- 11:09 am – 11:13 am Utilization of Knot Pusher Increases Knot Security for Sliding and Static Knots  
*Dillon Arango, MD, Einstein Medical Center*  
*\*Presented by Michael V. Narvaez, MD*
- 11:13 am – 11:17 am Condyle-Specific Matching Does Not Improve Outcomes after Osteochondral Allograft Transplantation  
*Dean Wang, MD, Hospital for Special Surgery*
- 11:17 am – 11:21 am Inverted C-Arm Orientation During Hip Arthroscopy Decreases Patient Radiation Exposure  
*Nischal S. Nadig, DO, D.D. Eisenhower Army Medical Center*
- 11:21 am – 11:25 am Discussion

### **Rapid Fire Session 9B – Total Knee & Total Hip**

Moderator: Geoffrey H. Westrich, MD, *Hospital for Special Surgery*  
Jeffrey S. Zarin, MD, *Tufts, Medical Center*

- 10:53 am – 10:57 am Three-Dimensional Templating for Acetabular Component Alignment during Total Hip Arthroplasty  
*Ameer M. Elbuluk, BA, NYU Hospital for Joint Diseases*
- 10:57 am – 11:01 am Impact of Timing to Revision of Metal-on-Metal Total Hip Arthroplasty  
*Lindsay T. Kleeman, MD, Duke University*
- 11:01 am – 11:05 am Simple Radiographic Parameters Predict Loosening of Modern Cementless Acetabular Cups  
*Hamed Vahedi, MD, Rothman Institute*
- 11:05 am – 11:09 am Discussion

11:09 am – 11:13 am	Balanced Resection Surgical Technique for Robotic-Arm Assisted Total Knee Arthroplasty <i>Robert C. Marchand, MD, Ortho Rhode Island</i>
11:13 am – 11:17 am	What are the Risk Factors of Persistent Wound Drainage after Total Hip and Knee Arthroplasty? <i>Ali Oliashirazi, MD, Marshall Orthopaedics</i>
11:17 am – 11:21 am	Computer-Assisted versus Conventional Technique: Medial Unicompartmental Knee Arthroplasty <i>Jason Wong, MD, Columbia University Medical Center</i>
11:21 am – 11:25 am	Discussion

### **Rapid Fire Session 9C – Biologics**

Moderator: Anil S. Ranawat, MD, *Hospital for Special Surgery*  
Joshua A. Baumfeld, MD, *Lahey Hospital & Medical Center*

10:53 am – 10:57 am	The Use of a Biologic Aragonite Scaffold in the Treatment of Knee Arthritis <i>Andrew S. Levy, MD, Center for Advanced Sports Medicine</i>
10:57 am – 11:01 am	Can Biologics Slow Down Osteoarthritis? Systematic Review of the Literature <i>Weilong J. Shi, MD, Rothman Institute</i>
11:01 am – 11:05 am	Biomarkers and Bone Marrow Edema Lesions after Acute ACL Ruptures <i>Jordan A. Werner, MD, NYU Hospital for Joint Diseases</i>
11:05 am – 11:09 am	Discussion
11:09 am – 11:13 am	Bio-Inductive Implant Utilization for Calcific Tendonopathy Rotator Cuff Defects <i>Sean McMillan, DO, FAOAO, Lourdes Medical Associates</i>
11:13 am – 11:17 am	The Evidence behind Biologic Therapies Promoted at AOSSM: Systematic Review <i>Weilong J. Shi, MD, Rothman Institute</i> <i>*Presented by Hamadi A. Murphy, MD</i>
11:17 am – 11:21 am	Collagen-Based Bioinductive Implant for Treatment of Partial Thickness Rotator Cuff Tears <i>Abigail L. Campbell, MD, NYU Hospital for Joint Diseases</i> <i>*Presented by Amos Dai, BS</i>
11:21 am – 11:25 am	Discussion

### **Rapid Fire Session 9D – Health Care Economics**

Moderator: Richard Iorio, MD, *NYU Langone Medical Center*  
Adam J. Rana, MD, *Maine Medical Center*



10:53 am – 10:57 am	Do Healthcare Disparities Affect Outcomes Following Nonunion Repair Surgery? <i>David Kugelman, BS, NYULMC Hospital for Joint Diseases</i>
10:57 am – 11:01 am	Predictive Value of Preoperative Exclusion Criteria in a Joint Replacement Bundled Payment Model <i>John Grady-Benson, MD, Connecticut Joint Replacement Institute</i>
11:01 am – 11:05 am	Plunging Dangerously: A Quantitative Assessment of Drilling the Clavicle <i>Daniel Gloekler, MD, UPMC Hamot</i>
11:05 am – 11:09 am	Discussion
11:09 am – 11:13 am	Fellowship Training: The Financial Impact on Orthopaedic Surgeon Career <i>Paul M. Inclan, BS, Wake Forest School of Medicine</i>
11:13 am – 11:17 am	Description of Medicare Payments in a Bundled Payment Model <i>Billy T. Baumgartner, BA, Duke University</i>
11:17 am – 11:21 am	Safety Criteria for Short Hospital Stay after Total Joint Replacement <i>Morteza Meftah, MD, Bronx-Lebanon Hospital</i>
11:21 am – 11:25 am	Discussion

### **Rapid Fire Session 9E – Upper Extremity**

Moderator: Kevin D. Plancher, MD, *Albert Einstein College of Medicine*  
Eon K. Shin, MD, *The Philadelphia Hand Center*

10:53 am – 10:57 am	Touch Surgery: Analysis and Assessment of Validity of a Hand Surgery Simulation “App” <i>Jacob E. Tulipan, MD, Rothman Institute</i>
10:57 am – 11:01 am	Corrective Osteotomy for Malunited Intra-Articular Distal Radius Fractures: Case Series <i>Fiesky A. Nunez, Jr., MD, PhD, Wake Forest School of Medicine</i>
11:01 am – 11:05 am	Comparison of Treatments for Proximal Humerus Fractures: A Network Meta-Analysis <i>Sebastian Orman, BS, Georgetown University School of Medicine</i> <i>*Presented by Jordan Murphy, BS</i>
11:05 am – 11:09 am	Discussion
11:09 am – 11:13 am	Outpatient Hand Surgery is Safe in Patients with High BMI <i>William J. Warrender, MD, Rothman Institute</i> <i>*Presented by Stephen Selverian, MD</i>
11:13 am – 11:17 am	The Effect of Distal Pole Scaphoid Resection on Wrist Biomechanics

*Stephen Hioe, DO, Rowan University*

*\*Presented by Megan L. Jimenez, DO*

11:17 am – 11:21 am      Correlation of Median Nerve Area on MRI and Ultrasound  
*John Fowler, MD, University of Pittsburgh Medical Center*

11:21 am – 11:25 am      Discussion

*11:25 am – 11:35 am*      ***Refreshment Break***

11:35 am – 11:45 am      **ABOS Update**  
*David F. Martin, MD, Wake Forest University*

### **Symposium 6 – Pediatric Knee / Sports Medicine**

Moderator:    John D. Kelly IV, MD, *University of Pennsylvania*

11:45 am – 11:55 am      Patella Instability in Pediatric Patients: Current Concepts  
*Cory M. Edgar, MD, PhD, New England Musculoskeletal Institute*

11:55 am – 12:05 pm      Pediatric ACL Reconstruction: Current Concepts  
*Anil S. Ranawat, MD, Hospital for Special Surgery*

12:05 am – 12:15 pm      BEAR ACL Repair  
*Yi-Meng Yen, MD, Boston Children's Hospital*

12:15 pm - 12:25 pm      Articular Cartilage Update 2017  
*Tom Minas, MD, Brigham and Women's Hospital*

12:25 pm – 12:35 pm      Discussion

### **Symposium 7 – Trauma**

Moderator:    Payam Tabrizi, MD *Santa Clara Valley Medical Center*

12:35 pm – 12:45 pm      Open Fractures: Current Guidelines for Treatment  
*David I. Weiss, MD, Arthritis Associates*

12:45 pm – 12:55 pm      Compartment Syndrome: Current Concepts  
*Mara L. Schenker, MD, Emory University School of Medicine*

12:55 pm – 1:05 pm      Tibial Shaft Fractures: Tips & Tricks  
*David Wellman, MD, Hospital for Special Surgery*

1:05 pm – 1:15 pm      Discussion

1:15 pm – 2:15 pm      **Scientific E-Poster Session** (Presenters will be available to answer questions.)

2:15 pm – 3:15 pm      **Multimedia Education Session**