

2017 EOA Scientific Program
October 19-21, 2017
Americana Salon 4
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.) (*Poinciana 1, Poinciana 2, Poinciana 3, Poinciana 4, Americana 3 & 4 Foyer*)

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 **Resident Travel Grant Award**
External Rotation Restoration after Reverse Shoulder Arthroplasty
Without Latissimus Transfer
Derek Berglund, MD, Holy Cross Orthopedic Institute
- 7:53 am – 7:59 am **Resident Travel Grant Award**
Participation in Work and Sport Following Shoulder Arthroplasty – A
Comparison of Reverse and Anatomic
Jennifer Kurowicki, MD, Holy Cross Orthopedic Research Institute
- 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 (Americana Salon 3)**

Symposium 1 – Knee Reconstruction

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

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

Rapid Fire Session 2A – Sports Medicine (Poinciana 1)

Moderators: 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
Robert L. Parisien, MD, Boston Medical Center
**Presented by Xinning Li, MD*
- 9:47 am – 9:51 am Exertional Rhabdomyolysis in Collegiate Football Players
Thomas X. Nguyen, MD, Howard University Hospital

- 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 (Poinciana 2)**
Moderators: Michael P. Ast, MD, *Mercer Bucks Orthopaedics*
 Arjun Saxena, MD, *Trenton Orthopaedic Group*
- 9:43 am – 9:47 am Trends in Opioid Utilization before and after Total Knee Arthroplasty
Beau J. Kildow, MD, Duke University Medical Center
**Presented by Cary S. Politzer, BS*
- 9:47 am – 9:51 am Thirty-Day Readmission after Total Knee Arthroplasty at a Community Hospital
Kalain Workman, DO, PinnacleHealth
- 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 (Poinciana 3)

Moderators: Kevin D. Plancher, MD, *Albert Einstein College of Medicine*
Robert R. Slater, Jr., MD, *Folsom, CA*

9:43 am – 9:47 am NIRS and Cognitive Deficits after Beach Chair Shoulder Surgery: RCT
Ryan M. Cox, BS Rothman Institute
**Presented by Grant C. Jamgochian, BS*

9:47 am – 9:51 am Optimal Oblique Radiographs to Identify Fifth Carpometacarpal Dorsal
Subluxations: A Cadaveric Study
Julie Johnson, MD, University of Pittsburgh Medical Center

9:51 am – 9:55 am National and Regional Racial Disparity in Shoulder Arthroplasty
Eric Gordon, MD, Medical University of South Carolina

9:55 am – 9:59 am Discussion

9:59 am – 10:03 am Ultrasonography vs. EMG/NCS in Diagnosis of Nerve Entrapment at
Elbow
Poonam Dalwadi, BS, Emory University

10:03 am – 10:07 am Surgeon Experience Is Not Associated with Elbow Arthroscopy
Complications
Alexander H. Jinnah, MD, Wake Forest School of Medicine

10:07 am – 10:11 am Comparison of Pulse Oximetry and Handheld Doppler for Assessing
Digital Perfusion
Megan L. Jimenez, DO, Inspira

10:11 am – 10:15 am Discussion

Rapid Fire Session 2D – Pediatrics (Poinciana 4)

Moderators: James T. Guille, MD, *Premier Orthopaedics, Brandywine Institute of Orthopaedics
Division*
J. Richard Bowen, MD, *Alfred I. duPont Hospital for Children (Nemours Foundation)*
Richard Chang, MD, NJOS, MidJersey Orthopaedics

9:43 am – 9:47 am Prevalence of Ulnar Nerve Palsy with Flexion-Type Supracondylar
Humerus Fractures
Kelvin Kim, BA, NYU Langone Medical Center
**Presented by Afshin A. Anoushiravani, MD*

9:47 am – 9:51 am Utility of Triggered Electromyographic Pedicle Screw Stimulation with
Robotic-Assisted Pedicle Screw Insertion in Adolescent Idiopathic
Scoliosis

K. Aaron Shaw, DO, Dwight David Eisenhower Army Medical Center

- 9:51 am – 9:55 am Non-Operative Treatment in Pediatric Type I Open Forearm Fractures
Hui Zhang, MD, Geisinger Medical Center
**Presented by Matthew G. Fanelli, MD*
- 9:55 am – 9:59 am Discussion
- 9:59 am – 10:03 am **NJOS Travel Grant Award**
The Role of CT Scan in the Diagnosis of Acetabular Fracture in the Immature Pelvis
M. Kareem Shaath, MD, Rutgers - New Jersey Medical School
- 10:03 am – 10:07 am Using Skeletal Age to Better Predict Upper Extremity Growth
Lauren E. Karbach, MD, University of Rochester Medical Center
- 10:07 am – 10:11 am Treatment of Lower Limb Torsion in Children
John E. Handelsman, MD, FRCS, MCh, Orth, NYU Langone Hospital for Joint Diseases
- 10:11 am – 10:15 am Discussion

Rapid Fire Session 2E – Spine (*Americana 3 & 4 Foyer*)

Moderators: Marc J. Levine, MD, *Trenton Orthopaedic Group*
 Robert F. McLain, MD, *Outreach Profession Services, Inc.*
 Anthony J. Scillia, MD, *NJOS, Seton Hall University*

- 9:43 am – 9:47 am Are Red Flags for Lower Back Pain Really “Red”?
William S. Godfrey, MD, Emory Sports Medicine
**Presented by Ajay Premkumar, MD*
- 9:47 am – 9:51 am Comparison of Narcotic Usage: Open vs. Minimally Invasive Lumbar Fusion
Michael Hoy, BS, The George Washington University School of Medicine & Health Sciences
**Presented by Christine C. Piper, MD*
- 9:51 am – 9:55 am Impaction Grafting Increases Bone Contact Area During TLIF: A Quantitative In Vitro Comparative Study and Early Clinical Results
P. Justin Tortolani, MD, Union Memorial Hospital
**Presented by Andrew J. Trontis, MD*
- 9:55 am – 9:59 am Discussion
- 9:59 am – 10:03 am Posterior Cervical Microtube-Foraminotomy versus Anterior Cervical Discectomy and Fusion
Conor Dunn, MD, Seton Hall University School of Health and Medical Sciences
- 10:03 am – 10:07 am **NJOS Travel Grant Award**

Pseudoarthrosis Rate in Minimally Invasive Transforaminal Lumbar Interbody Fusion (mis-TLIF): 2-yr Outcomes vs. Open TLIF
Daniel J. Thibaudeau, MD, Seton Hall University School of Health and Medical Sciences
**Presented by Conor Dunn, MD*

10:07 am – 10:11 am Do Surgical Site Infection Rates Differ in Microscope Assisted versus Loope Assisted Lumbar Decompressions?
Adan Omar, MD, University of Rochester

10:11 am – 10:15 am Discussion

10:15 am – 10:35 am ***BREAK—please visit Exhibits (Americana Salon 3)***

Session 3 – OREF Report and Presidential Address

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

10:35 am – 10:40 am OREF Report
P. Joanne Ray CEO OREF

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

10:45 am – 11:15 am Presidential Address
One Man's Journey: Lessons Learned from Life
James T. Guille, MD, Premier Orthopaedics, Brandywine Institute of Orthopaedics Division

11:15 am – 12:15 pm **EOA Luncheon – Industry Presentation**
Ethicon US, LLC
Wound Management in 2017
Ryan Nunley, MD
**CME Credit Not Available*

Symposium 2 – Hip Reconstruction

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

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

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

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

12:45 pm – 12:55 pm Painful THA: Evaluation & Management
Carlos J. Lavernia, MD, University of Miami

12:55 pm – 1:00 pm Discussion

NJOS Special Guest Speaker (Hosted by New Jersey Orthopaedic Society)

Moderator: Bruce Monaghan, MD, *Advanced Orthopaedics Centers*

1:00 pm – 2:00 pm Special Guest Speaker
Julio Gonzalez, MD, Florida State Representative, Orthopaedic Center Of Venice

Resident Review Course (Poinciana Room 1 & 2)

Moderator: *Anil S. Ranawat, MD, Hospital for Special Surgery*

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
Carlos J. Lavernia, MD, University of Miami

2:50 pm – 3:20 pm Sports Medicine
Joshua A. Baumfeld, MD, Lahey Hospital & Medical Center

3:20 pm – 3:50 pm Upper Extremity
Charles Cassidy, MD, Tufts Medical Center

3:50 pm – 4:05 pm Questions / Break

4:05 pm – 4:35 pm Foot & Ankle
Sameh A. Labib, MD, Emory Sports Medicine Center

4:35 pm – 5:05 pm Pediatrics
J. Richard Bowen, MD, Alfred I. duPont Hospital for Children (Nemours Foundation)

1:00 pm – 2:00 pm **Scientific E-Poster Session** (Presenters will be available to answer questions.) (*Poinciana 1, Poinciana 2, Poinciana 3, Poinciana 4, Americana 3 & 4 Foyer*)

2:00 pm – 4:00 pm **Multimedia Education Session** (*Americana Salon Foyer*)

Friday, October 20, 2017

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

questions.) (*Poinciana 1, Poinciana 2, Poinciana 3, Poinciana 4, Americana 3 & 4 Foyer*)

7:00 am - 7:05 am

Announcements

Richard M. Wilk, MD, Program Chair

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

Andrew N. Fleischman, MD, Rothman Institute

**Presented by Meredith P. Crizer, BS*

7:11 am – 7:17 am

Ranawat Award

Adductor Canal Block vs. Periarticular Bupivacaine Injection in TKA

Matthew J. Grosso, MD, Columbia University Medical Center

7:17 am – 7:23 am

Decreasing Incidence of Manipulation under Anesthesia: Using Objective Data to Balance the Modern TKR

Jeffrey A. Geller, MD, Columbia University Medical Center

7:23 am – 7:29 am

Resident Award

Comparison of Infection Risk with Corticosteroid or Hyaluronic Acid Injection Prior to Total Knee Arthroplasty

Shawn S. Richardson, MD, Hospital for Special Surgery

7:29 am – 7:35 am

Founders' Award

Diagnosing Periprosthetic Joint Infection: The Promise of Next Generation Sequencing

Majd Tarabichi, MD, Rothman Institute

7:35 am – 7:41 am

Resident Travel Grant Award

Increased Resource Utilization in Medicaid Patients Following Primary Hip Arthroplasty

David Shau, MD, MBA, Emory University

7:41 am – 7:47 am

Surgical Approach Does Not Affect Short Term Stem Subsidence Rate in THA with Cementless Tapered Wedge Stems

Coridon Huez, MD, Lenox Hill Hospital

7:47 am – 7:53 am

Resident Travel Grant Award

Can Bundled Payments Succeed with Medicaid in Primary Joint Arthroplasty?

P. Maxwell Courtney, MD, Rush University Medical Center

7:53 am – 8:00 am

Discussion

Rapid Fire Session 5A – Sports Medicine (*Poinciana 1*)

Moderators: Charles D. Hummer III, MD, *Premier Orthopaedics*
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
Mathew Hamula, MD, NYU Hospital for Joint Diseases
- 8:07 am – 8:11 am Acute and 90-Day Cost Analysis for Treatment of Anterior Shoulder Instability
Samuel Rosas, MD, Wake Forest Baptist Health
- 8:11 am – 8:15 am AIIIS Morphologic Classification: Are Plain Radiographs Enough?
Andrew Swentik, MD, Palmetto Health
- 8:15 am – 8:19 am Discussion
- 8:19 am – 8:23 am Outcomes of Quadriceps Tendon Autograft in Anterior Cruciate Ligament Revision
Stephanie Boden, BS, Emory Sports Medicine
- 8:23 am – 8:27 am Outcomes after Elmslie-Trillat Osteotomy Using a Minimally Invasive Technique
Ian Gao, MD, Emory University
- 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 (Poinciana 2)

Moderators: Mara L. Schenker, MD, *Emory University School of Medicine*
Cullen K. Griffith, MD, *Orthopaedic Specialty Group*

- 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
LT Joshua A. Kotler, MD, Georgetown University School of Medicine
- 8:31 am – 8:35 am Discussion

Rapid Fire Session 5C – Total Hip (Poinciana 3)

Moderators: Michael P. Ast, MD, *Mercer Bucks Orthopaedics*
 George N. Guild III, MD, *Emory University*

- 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, University of Miami
- 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 (Poinciana 4)

Moderators: 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
**Presented by Brian S. Winters, MD*

- 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 (Salon 2)

Moderators: 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 University School of Medicine

8:31 am – 8:35 am Discussion

8:35 am – 8:55 am **BREAK – Please visit Exhibits** (Americana Salon 3)

Session 6 – BOC Report & Howard Steel Lecture

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

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, Premier Orthopaedics, Brandywine Institute of Orthopaedics Division

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** (Americana Salon 3)

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
Margaret J. Lobo, MD, Lahey Hospital & Medical Center

10:30 am – 10:40 am Ankle Replacement: How to be Successful
Stuart D. Miller, MD, Union Memorial Ortho & Sport

10:40 am – 10:50 am Achilles Tendon Tears: Non-Op, Repair or Augment?
Martin J. O'Malley, MD, Weill Cornell Medical College

10:50 am – 11:00 am Ankle Instability: When to Operate and How?
Christopher P. Chiodo, MD, Brigham and Womens Hospital

11:00 am – 11:10 am Hallux Rigidus: Cheilectomy, Fusion or Even Prosthesis
Judith F. Baumhauer, MD, MPH, University of Rochester Medical Center

11:10 am – 11:15 am Discussion

11:15 am – 12:15 pm **EOA Luncheon – Industry Presentation**
*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**
Xinning Li, MD, Boston University School of Medicine
- 12:25 pm – 12:35 pm **SLAP Tears in Overhead Athletes**
Sara L. Edwards, MD, Sports Orthopedic & Rehab
- 12:35 pm – 12:45 pm **Biceps Disease: When, What, & Where?**
Ilya Voloshin, MD, University Orthopaedic Associates of Rochester
- 12:45 pm – 12:55 pm **Design Considerations in Reverse Shoulder Arthroplasty**
Jonathan C. Levy, MD, Holy Cross Orthopaedic Institute
- 12:55 pm – 1:00 pm **Discussion**
- 1:00 pm – 2:00 pm **Legally Mine - Industry Presentation**
*CME Credit Not Available
- 1:00 pm – 2:00 pm **Scientific E-Poster Session** (Presenters will be available to answer questions.) (*Poinciana 1, Poinciana 2, Poinciana 3, Poinciana 4, Americana 3 & 4 Foyer*)
- 2:00 pm – 3:00 pm **Multimedia Education Session** (*Americana Salon Foyer*)

Saturday, October 21, 2017

- 6:00 am – 7:00 am **Scientific E-Poster Session** (Presenters will be available to answer questions.) (*Poinciana 1, Poinciana 2, Poinciana 3, Poinciana 4, Americana 3 & 4 Foyer*)
- 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 **Predicting Failure of Nonoperative Treatment for Insertional Achilles Tendinosis**
James Stenson, DO, Rowan University School of Osteopathic Medicine
*Presented by Christopher W. Reb, DO
- 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, Shriners' Hospital for Children

- 7:23 am – 7:29 am Effect of Intrasite 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 Brunch – Industry Presentation**
DePuy Synthes Sales, Inc./Pacira Pharmaceuticals, Inc.
Reduction in Pain and Opioids Following TKA Proven in Recent Multimodal Pain Management Study
Stanley Dysart, MD & Margaret Holtz, MD
**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 (Americana Salon 3)**

Session 8 – Presidential Guest Speaker

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

- 10:15 am – 10:20 am Introduction of Presidential Guest Speaker
James T. Guille, MD, Premier Orthopaedics, Brandywine Institute of Orthopaedics Division
- 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 (Poinciana 1)

Moderators: 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 (Poinciana 2)

Moderators: David W. Romness, MD, *OrthoVirginia*

Michael P. Ast, MD, *Mercer Bucks Orthopaedics*

- 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
Robert C. Marchand, MD, Ortho Rhode Island
- 11:13 am – 11:17 am What are the Risk Factors of Persistent Wound Drainage after Total Hip and Knee Arthroplasty?
Ali Oliashirazi, MD, Marshall Orthopaedics
**Presented by Alisina Shahi, MD*
- 11:17 am – 11:21 am Computer-Assisted versus Conventional Technique: Medial Unicompartmental Knee Arthroplasty
Jason Wong, MD, Columbia University Medical Center

11:21 am – 11:25 am Discussion

Rapid Fire Session 9C – Biologics (Poinciana 3)

Moderators: Joshua A. Baumfeld, MD, *Lahey Hospital & Medical Center*
Xinning Li, MD, *Boston University School of Medicine*

10:53 am – 10:57 am The Use of a Biologic Aragonite Scaffold in the Treatment of Knee Arthritis
Andrew S. Levy, MD, Center for Advanced Sports Medicine

10:57 am – 11:01 am Can Biologics Slow Down Osteoarthritis? Systematic Review of the Literature
Weilong J. Shi, MD, Rothman Institute

11:01 am – 11:05 am Biomarkers and Bone Marrow Edema Lesions after Acute ACL Ruptures
Jordan A. Werner, MD, NYU Hospital for Joint Diseases

11:05 am – 11:09 am Discussion

11:09 am – 11:13 am Bio-Inductive Implant Utilization for Calcific Tendonopathy Rotator Cuff Defects
Sean McMillan, DO, FAOAO, Lourdes Medical Associates

11:13 am – 11:17 am The Evidence behind Biologic Therapies Promoted at AOSSM: Systematic Review
Weilong J. Shi, MD, Rothman Institute
**Presented by Hamadi A. Murphy, MD*

11:17 am – 11:21 am Collagen-Based Bioinductive Implant for Treatment of Partial Thickness Rotator Cuff Tears
Abigail L. Campbell, MD, NYU Hospital for Joint Diseases
**Presented by Amos Dai, BS*

11:21 am – 11:25 am Discussion

Rapid Fire Session 9D – Health Care Economics (Poinciana 4)

Moderators: 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?
David Kugelman, BS, NYULMC Hospital for Joint Diseases

10:57 am – 11:01 am Predictive Value of Preoperative Exclusion Criteria in a Joint Replacement Bundled Payment Model
John Grady-Benson, MD, Connecticut Joint Replacement Institute

11:01 am – 11:05 am Plunging Dangerously: A Quantitative Assessment of Drilling the Clavicle
Daniel Gloekler, MD, UPMC Hamot

- 11:05 am – 11:09 am Discussion
- 11:09 am – 11:13 am Fellowship Training: The Financial Impact on Orthopaedic Surgeon Career
Paul M. Inclan, BS, Wake Forest School of Medicine
- 11:13 am – 11:17 am Description of Medicare Payments in a Bundled Payment Model
William T. Baumgartner, BA, Duke University
- 11:17 am – 11:21 am Safety Criteria for Short Hospital Stay after Total Joint Replacement
Morteza Meftah, MD, Bronx-Lebanon Hospital
- 11:21 am – 11:25 am Discussion

Rapid Fire Session 9E – Upper Extremity (Salon 2)

Moderators: Henry A. Backe Jr., MD, *Orthopaedic Specialty Group, Quinnipiac University, Netter School 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”
Jacob E. Tulipan, MD, Rothman Institute
- 10:57 am – 11:01 am Statistical Fragility In Shoulder Research: Can P Values Be Trusted?
Jesse Dashe, MD, Boston Medical Center
**Presented by Xinning Li, MD*
- 11:01 am – 11:05 am Comparison of Treatments for Proximal Humerus Fractures: A Network Meta-Analysis
Sebastian Orman, BS, Georgetown University School of Medicine
**Presented by Jordan Murphy, BS*
- 11:05 am – 11:09 am Discussion
- 11:09 am – 11:13 am Outpatient Hand Surgery is Safe in Patients with High BMI
William J. Warrender, MD, Rothman Institute
**Presented by Stephen Selverian, MD*
- 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** (*Americana Salon Foyer*)
- 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
Matthew Stiebel, MD, Palm Beach Sports Medicine
- 11:55 am – 12:05 pm Pediatric ACL Reconstruction: Current Concepts
Peter D. Fabricant, MD, MPH, Hospital for Special Surgery
- 12:05 pm – 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, *The Hughston Clinic/Memorial Hospital*

- 12:35 pm – 12:45 pm Open Fractures: Current Guidelines for Treatment
David B. Weiss, MD, University of Virginia
- 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.) (*Poinciana 1, Poinciana 2, Poinciana 3, Poinciana 4, Americana 3 & 4 Foyer*)
- 2:15 pm – 3:15 pm **Multimedia Education Session** (*Americana Salon Foyer*)