



# EASTERN ORTHOPAEDIC ASSOCIATION

## 48TH ANNUAL MEETING

OCTOBER 18-21, 2017 📍 LOEWS MIAMI BEACH HOTEL 📍 MIAMI BEACH, FL



WITH SPECIAL GUEST NEW JERSEY ORTHOPAEDIC SOCIETY

### Download the Complete Program

On a mobile device, in the Apple Store or Google Play store, search "DTMS" and download; on a laptop go online to <https://datatrace.gatherdigital.com>.

Published by



# GRANTOR & EXHIBITOR ACKNOWLEDGEMENTS

The Eastern Orthopaedic Association is grateful for the support of its educational grantors and exhibitors. Thank you for your participation and commitment to EOA.

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Johnson & Johnson Medical Devices Company

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3M Health Care  
Arthrex, Inc. - *Grantor*

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# PRESIDENT'S WELCOME



Dear EOA Members and Friends:

I am honored to welcome you all to the 48th Annual Meeting of the Eastern Orthopaedic Association (EOA) here in Miami, Florida. I must admit I had clenched fingers and white knuckles this past month as I watched Hurricane Irma attack the state of Florida. I am sure all our hearts go out to those injured or displaced by the storm. Signs are everywhere that the rebuilding and healing processes are underway, and I anticipate we will have an excellent meeting.

Program Chair Richard Wilk, MD has put together a great program for us this year. We received a record number of 534 abstract submissions. We will continue with our format of podium talks, rapid fire sessions, and symposia. My Presidential Guest Speaker will be J. Richard Bowen, MD from the Nemours-duPont Hospital for Children in Wilmington, Delaware. The Howard Steel Lecture will be given by Mr. Dick Yuengling of Pottsville, Pennsylvania, who will speak on his family's brewery, the oldest in America. As in years past, we will strive to have the meeting done by lunchtime, so that afternoons can be free for fun or optional educational programs.

I would be remiss if I did not thank the Data Trace firm that manages our organization. They are a top-notch group of people who are excellent at their job. I would like to thank my peers on the Board of Directors at the EOA for all of their guidance and support, and lastly, the Social Committee and Mary Boden for making our meeting complete.

See you all soon,

*Jim*

James T. Guille, MD  
President, Eastern Orthopaedic Association

## PROGRAM CHAIR



**RICHARD M. WILK, MD**  
BOSTON, MA  
Brigham & Women's Hospital

## PRESIDENTIAL GUEST SPEAKER



**J. RICHARD BOWEN, MD**  
WILMINGTON, DE  
**Glorious Orthopaedics**  
Saturday, 10:15 am

## HOWARD STEEL LECTURER



**DICK YUENGLING JR.**  
POTTSVILLE, PA  
**America's Oldest Brewery: Still Family-  
Owned & Operated after 188 Years**  
Friday, 9:00 am

# Summary of Events

See Scientific Program for times for all CME Activities

## KEY

- ⦿ Activity/Tour
- ✦ Social Event
- ★ Special Presentation

## WEDNESDAY, OCTOBER 18

- 9:00 am – 10:30 am  
**EOEF Board Meeting**  
Preston's Private Dining Room
- 11:00 am – 12:00 pm  
**President's Council Meeting**  
Preston's Private Dining Room
- 12:00 pm – 5:00 pm  
**Meeting Registration**  
Americana Salon Foyer
- 12:00 pm – 5:00 pm  
**Speaker Ready Area**  
Americana Salon Foyer
- 12:00 pm – 5:00 pm  
**Board of Directors Meeting**  
Poinciana 1
- 1:00 pm – 5:00 pm  
**Sponsor/Exhibit Setup**  
Americana Salon 3
- 2:00 pm – 3:00 pm  
**Social Committee Meeting**  
Venus Room

## THURSDAY, OCTOBER 19

- 6:00 am – 7:00 am  
**Scientific E-Poster Session**  
Presenters will be available to answer questions.
- 6:00 am – 1:00 pm  
**Speaker Ready Area**  
Americana Salon Foyer
- 6:00 am – 1:00 pm  
**Meeting Registration**  
Americana Salon Foyer
- 6:45 am – 1:00 pm  
**Technical Exhibits, Continental Breakfast, Coffee Breaks and Daily Drawing**  
Americana Salon 3  
The Drawing will take place at the end of the Second Break in the Exhibit Area. You must be present to win!
- 7:00 am – 1:00 pm  
**Scientific Program**  
Americana Salon 4
- 8:00 am  
**✦ Beach Walk**  
Meet on the Beach
- 8:05 am – 8:20 am  
**First Business Meeting**  
Americana Salon 4
- 8:20 am – 8:40 am  
**BREAK – Please visit Exhibits**  
Americana Salon 3

- 9:00 am – 10:30 am  
**✦ Spouse/Children Hospitality**  
Preston's Terrace  
Join your friends and meet new spouses while enjoying a continental breakfast.  
Price: Included in Registration Fee / \$40 Unregistered Adult Guest / \$20 Unregistered Child
- 10:15 am – 10:35 am  
**BREAK – Please visit Exhibits**  
Americana Salon 3
- 10:40 am – 11:05 am  
**★ Presidential Address**  
Americana Salon 4  
James T. Guille, MD
- 11:05 am – 11:15 am  
**★ Humanitarian Award Presentation**  
Americana Salon 4  
Glen A. Barden, MD
- 11:15 am – 12:15 pm  
**★ EOA Luncheon - Industry Presentations**  
Americana Salon 4  
Mallinckrodt Pharmaceuticals  
Ethicon US, LLC  
\*CME Credit Not Available
- 1:00 pm – 2:00 pm  
**★ NJOS Special Guest Speaker**  
Americana Salon 4  
Julio Gonzalez, MD
- 1:00 pm – 5:05 pm  
**★ Resident Review Course**  
Poinciana Rooms 1 & 2
- 1:30 pm – 3:00 pm or 3:00 pm – 4:30 pm  
**⦿ Art Deco Walking Tour**  
Meet at Palm Court Fountain  
Take a walk with HistoryMiami through one of the city's most exciting and attractive neighborhoods, South Beach's Art Deco District. You will hear the stories of how this area, once strictly farmland, was transformed by the land boom of the 1920's and again by the hurricane of 1926. Lovers of the unique Art Deco style of architecture will be in awe of the largest group of Art Deco buildings in America. More buildings of this period are being restored every day. Cotton candy-colored hotels and apartment houses dot the square miles on South Beach. This streamlined architecture and style popular in the 20s and 30s is enjoying a resurgence and the Art Deco District is one of the East Coast's hottest night spots. The tour covers approximately 3 miles.  
Price: \$27 per person (minimum 10 people)
- 2:00 pm – 4:00 pm  
**Multimedia Education Session**  
Americana Salon Foyer
- 5:05 pm – 6:00 pm  
**✦ Resident Reception**  
Poinciana Room 3  
All Residents are invited to attend this reception.  
Attire: Resort Casual  
Price: Included in Registration Fee

# Summary of Events

See Scientific Program for times for all CME Activities

## KEY

- 🕒 **Activity/Tour**
- 🍷 **Social Event**
- ★ **Special Presentation**

6:15 pm – 7:00 pm

### 🍷 **New Member Reception**

St. Moritz Lawn

All EOA new members are invited to attend this reception. The EOA Board and other leadership would like to take this opportunity to welcome you to the EOA.

Price: Included in Registration Fee

7:00 pm – 9:30 pm

### 🍷 **Welcome Dinner**

Americana Lawn

Have a wonderful evening overlooking the ocean and enjoying the beach breeze. You'll savor delicious food delicacies and open bar while chatting with friends and colleagues.

**Attire: Resort Casual (no jacket required), spike heels not recommended**

Price: Included in Registration Fee / \$100 Unregistered Adult Guest / \$50 Unregistered Child

## FRIDAY, OCTOBER 20

6:00 am – 7:00 am

### **Scientific E-Poster Session**

Presenters will be available to answer questions.

6:00 am – 1:00 pm

### **Speaker Ready Area**

Americana Salon Foyer

6:45 am – 1:00 pm

### **Meeting Registration**

Americana Salon Foyer

6:45 am – 1:00 pm

### **Technical Exhibits, Continental Breakfast, Coffee Breaks and Daily Drawing**

Americana Salon 3

The Drawing will take place at the end of the Second Break in the Exhibit Area. You must be present to win!

7:00 am – 1:00 pm

### **Scientific Program**

Americana Salon 4

8:00 am

### 🍷 **Beach Walk**

Meet on the Beach

8:35 am – 8:55 am

### **BREAK – Please visit Exhibits**

Americana Salon 3

9:00 am – 10:00 am

### ★ **Howard Steel Lecturer**

Americana Salon 4

Dick Yuengling, Jr.

9:30 am

### 🍷 **Party Bridge**

Bar Collins

All Levels Welcome! Food and beverage on own.

Price: Included in Registration Fee

10:00 am – 10:20 am

### **BREAK – Please visit Exhibits**

Americana Salon 3

11:15 am – 12:15 pm

### ★ **EOA Luncheon - Industry Presentations**

Americana Salon 4

ConvaTec

3M Health Care

Price: Included in Registration Fee

\*CME Credit Not Available

12:00 pm – 6:00 pm

### 🕒 **Golf Tournament (1:05 tee time)**

Meet at Palm Court Fountain - Buses depart at 12:00 pm

Crandon Golf at Key Biscayne is a championship 18-hole golf course located on the island paradise of Key Biscayne, Crandon Golf is an explosion of color and light surrounded by water, mangroves and lush, tropical foliage. The tournament will be a 1:05 pm shotgun start with scramble format. Includes greens fees, lunch, beverage cart and transportation.

Price: \$145 per person

1:00 pm – 2:00 pm

### ★ **Industry Presentation**

Americana Salon 4

Legally Mine

Price: Included in Registration Fee

\*CME Credit Not Available

1:00 pm – 2:00 pm

### **Scientific E-Poster Session**

Presenters will be available to answer questions.

2:00 pm – 3:00 pm

### **Multimedia Education Session**

Americana Salon Foyer

5:30 pm – 7:30 pm

### 🍷 **Exhibitor Reception**

Americana Salon 3

Before you go to dinner, start your evening off with drinks and hors d'oeuvres with EOA.

**Attire: Business Casual**

Price: Included in Registration Fee / \$75 Unregistered Adult Guest

5:30 pm – 7:30 pm

### 🍷 **Kids' Movie Party Arts & Crafts**

Cowrie Room

While your parents are at the Exhibitor Reception, enjoy dinner and crafts or a movie with your friends. If younger than 5 years old, must be accompanied by an adult. This is not a babysitting service, but provided only for parents attending the Exhibitor Reception; children must be registered.

Price: Included in Registration Fee / \$25 Unregistered Child (5-17 years)

## SATURDAY, OCTOBER 21

6:00 am – 7:00 am

### **Scientific E-Poster Session**

Presenters will be available to answer questions.

6:00 am – 1:15 pm

### **Speaker Ready Area**

Americana Salon Foyer

# Summary of Events

See Scientific Program for times for all CME Activities

## KEY

- 🕒 Activity/Tour
- 📌 Social Event
- ★ Special Presentation

6:45 am – 1:15 pm

### Meeting Registration

Americana Salon Foyer

6:45 am – 1:15 pm

### Technical Exhibits, Continental Breakfast, Coffee Breaks and Daily Drawing

Americana Salon 3

The Drawing will take place at the end of the First Break in the Exhibit Area. You must be present to win!

7:00 am – 1:15 pm

### Scientific Program

Americana Salon 4

8:00 am

### 📌 Beach Walk

Meet on the Beach

8:15 am – 8:45 am

### ★EOA Brunch - Industry Presentation

Americana Salon 4

DePuy Synthes Sales, Inc./Pacira Pharmaceuticals, Inc.  
\*CME Credit Not Available

9:00 am - 11:00 am

### 📌 Book Discussion

Preston's Restaurant

**All The Light We Cannot See** by Anthony Doerr

Food and beverage on own.

Price: Included in Registration Fee

9:35 am – 9:50 am

### Second Business Meeting

Americana Salon 4

9:50 am – 10:15 am

### BREAK – Please visit Exhibits

Americana Salon 3

10:15 am – 10:50 am

### ★Presidential Guest Speaker

Americana Salon 4

J. Richard Bowen, MD

11:25 am – 11:35 am

### Refreshment Break

Americana Salon Foyer

12:45 pm – 3:45 pm

### 🕒Food Tour in Wynwood Art District

Meet at Palm Court Fountain

Spend a leisurely afternoon enchanted by eclectic art and exquisite food in Miami's trendiest and most vibrant neighborhood at the Wynwood Art District Food & Art Tour. Dine your way through favorite local restaurants in one of the largest open-air street art collections in the world! All of the food served is equivalent to a full lunch, the tour goes rain or shine and the walking distance is approximately 1 mile. Transportation and gratuity included.

Price: \$82 per person (minimum 20 people)

1:00 pm – 6:00 pm

### 🕒Deep Sea Fishing

Meet at Palm Court Fountain

Enjoy the thrill of catching the fish of a lifetime aboard a state-of-the-art sport fishing boat. Troll for sailfish, marlin, dolphin, wahoo, kingfish, tuna, barracuda and shark or bottom fish for grouper, snapper and amberjack in the enriched waters of the Gulf Stream and Atlantic Ocean. The captain and mate provide all the fishing tackle, rigged bait and instruction required. Box Lunch, beverages and gratuity included.

Price: \$289 per person (minimum 8 people)

1:05 pm – 2:05 pm

### Scientific E-Poster Session

Presenters will be available to answer questions.

2:05 pm – 3:05 pm

### Multimedia Education Session

Americana Salon Foyer

6:15 pm – 11:00 pm

### 📌Jazz Reception/Founders' Dinner

Americana Salon Foyer & Americana Salon 4

The evening begins with a lovely reception and music brought to you by the EOA Jazz Band. The band plays popular jazz tunes that will be enjoyed by all. Dinner will follow with delectable food and good company. "The Water Coolers," a musical comedy group, will perform songs and sketches that will keep you laughing throughout the night. Surrounded by music and theatre, this night will be unforgettable.

Attire: Festive - (Jackets only, no ties)

Price: Included in Registration Fee or \$150 per Unregistered Adult Guest and \$95 per Child (5-17 years)

6:15 pm – 11:00 pm

### 📌Kids' Movie Party and Arts & Crafts

Cowrie Room

While your parents are at the Founders' Dinner, enjoy dinner and crafts or a movie with your friends. If younger than 5 years old, must be accompanied by an adult. *This is not a babysitting service, but provided only for parents attending the Founders' Dinner; children must be registered.*

Price: Included in Registration Fee or \$25 per Unregistered Child (5-17 years)

Complete  
your CME records  
online at  
[www.eoa-assn.org](http://www.eoa-assn.org)

# Scientific Program Americana Salon 4, Unless Otherwise Specified

## CME ACCREDITATION

The American Academy of Orthopaedic Surgeons designates this live activity for a maximum of **23.75 AMA PRA Category 1 Credits™**. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

- \*16.75 CME Credits for Scientific Program
- \*5 CME Credits for Scientific E-Poster Sessions
- \*2 CME Credits for Multimedia Education Sessions

To ensure correct CME credit is awarded go online to [www.eoa-assn.org](http://www.eoa-assn.org) to complete the CME Credit Record Forms, indicating the Sessions you attended at the EOA 2017 Annual Meeting. CME Certificates will be awarded to all registered participants.

## THURSDAY, OCTOBER 19

- 6:00 am **Scientific E-Poster Session**  
Presenters will be available to answer questions.
- 7:00 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 **Richmond Arthroscopy/Sports Medicine Award**  
Femoral vs. Adductor Canal Nerve Block for ACL Reconstruction  
*Robert P. Runner, MD, Emory University*
- 7:11 am SF-12 Predicts Return to Play and MCID after ACL Reconstruction  
*Benedict U. Nwachukwu, MD, MBA, Hospital for Special Surgery*
- 7:17 am **Resident Travel Grant Award**  
Precision and Accuracy of Patient vs. Surgeon Expectations Following ACL-Reconstruction  
*Danielle Weekes, MD, Rothman Institute*
- 7:23 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 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 Preoperative ASES Scores Predict Substantial Clinical Benefit Following Shoulder Arthroplasty  
*Joseph N. Liu, MD, Hospital for Special Surgery*  
*\*Presented by Michael Steinhilber, MD*
- 7:41 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 **Resident Travel Grant Award**  
External Rotation Restoration after Reverse Shoulder Arthroplasty Without Latissimus Transfer  
*Derek Berglund, MD, Holy Cross Orthopedic Institute*

- 7:53 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 Discussion
- 8:05 am First Business Meeting
- 8:20 am **BREAK—Please visit Exhibits Americana Salon 3**
- Symposium 1 – Knee Reconstruction**  
Moderator: Geoffrey H. Westrich, MD, Hospital for Special Surgery
- 8:40 am Primary TKA: Tips for Success  
*George N. Guild III, MD, Emory University*
- 8:50 am Navigation for TKA in 2017  
*Seth A. Jerabek, MD, Hospital for Special Surgery*
- 9:00 am TJA Bundles: Getting in the Game  
*Richard Iorio, MD, NYU Langone Medical Center*
- 9:10 am Bilateral TKA: Choosing Wisely  
*Michael P. Bolognesi, MD, Duke University Medical Center*
- 9:20 am Unicondylar Knee Replacement: Current Concepts  
*Andrew D. Pearle, MD, Hospital for Special Surgery*
- 9:30 am Discussion
- Rapid Fire Session 2A – Sports Medicine**  
Moderators: Joshua A. Baumfeld, MD, Lahey Hospital & Medical Center, Sara L. Edwards, MD, Sports Orthopedic & Rehab, & Vincent McInerney, MD, New Jersey Orthopaedic Institute
- 9:43 am Statistical Fragility in the Sports Medicine Literature  
*Robert L. Parisien, MD, Boston Medical Center*  
*\*Presented by Xinning Li, MD*
- 9:47 am Exertional Rhabdomyolysis in Collegiate Football Players  
*Thomas X. Nguyen, MD, Howard University Hospital*
- 9:51 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 Discussion
- 9:59 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 Anatomic ACL Reconstruction via Independent Tunnel Drilling: A Systematic Review  
*Michael C. Ciccotti, MD, Thomas Jefferson University Hospital*

# Scientific Program

Americana Salon 4, Unless Otherwise Specified

10:07 am Avulsion of the Proximal Adductor Longus Origin: A Biomechanical Analysis of Suture Anchor Reattachment  
*Elan Golan, MD, Maimonides Medical Center*

10:11 am Discussion

## Rapid Fire Session 2B – Total Knee

Moderators: Michael P. Ast, MD, Mercer Bucks Orthopaedics & Arjun Saxena, MD, Trenton Orthopaedic Group

9:43 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 Thirty-Day Readmission after Total Knee Arthroplasty at a Community Hospital  
*Kalain Workman, DO, PinnacleHealth*

9:51 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 Discussion

9:59 am When Does a Total Knee Replacement Feel Normal Again?  
*Victor Carlson, BS, Thomas Jefferson University*  
*\*Presented by Fabio Orozco, MD*

10:03 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 Does Bilateral TKA Make Sense in a Bundle Payment Era?  
*Rex Lutz Jr., BS, Rothman Institute*  
*\*Presented by Fabio Orozco, MD*

10:11 am Discussion

## Rapid Fire Session 2C – Upper Extremity

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

9:43 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 Optimal Oblique Radiographs to Identify Fifth Carpometacarpal Dorsal Subluxations: A Cadaveric Study  
*Julie Johnson, MD, University of Pittsburgh Medical Center*

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

9:55 am Discussion

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

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

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

10:11 am Discussion

## Rapid Fire Session 2D – Pediatrics

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 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 Utility of Triggered Electromyographic Pedicle Screw Stimulation with Robotic-Assisted Pedicle Screw Insertion in Adolescent Idiopathic Scoliosis  
*K. Aaron Shaw, DO, Dwight D. Eisenhower Army Medical Center*

9:51 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 Discussion

## 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 Using Skeletal Age to Better Predict Upper Extremity Growth  
*Lauren E. Karbach, MD, University of Rochester Medical Center*

10:07 am Treatment of Lower Limb Torsion in Children  
*John E. Handelsman, MD, FRCS, MCh, Orth, NYU Langone Hospital for Joint Diseases*

10:11 am Discussion

## Rapid Fire Session 2E – Spine

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 Are Red Flags for Lower Back Pain Really "Red"?  
*William S. Godfrey, MD, Emory University*  
*\*Presented by Ajay Premkumar, MD*

9:47 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 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 Discussion

9:59 am Posterior Cervical Microtube-Foraminotomy versus Anterior Cervical Discectomy and Fusion  
*Conor Dunn, MD, Seton Hall University School of Health and Medical Sciences*

## NJOS Travel Grant Award

Pseudoarthrosis Rate in Minimally Invasive Transforaminal



# Scientific Program Americana Salon 4, Unless Otherwise Specified

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 Do Surgical Site Infection Rates Differ in Microscope Assisted versus Loope Assisted Lumbar Decompressions?  
*Adan Omar, MD, University of Rochester*

10:11 am Discussion

10:15 am **BREAK—Please visit Exhibits** Americana Salon 3

## Session 3 – OREF Report, Presidential Address and Humanitarian Award

Moderator: Javad Parvizi, MD, FRCS, Rothman Institute

10:35 am **OREF Report**  
*P. Joanne Ray, CEO, OREF*

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

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

11:05 am **EOA Humanitarian Award Presentation**  
**Glen A. Barden, MD**  
*Marc J. Levine, MD, Trenton Orthopaedic Group*

11:15 am **EOA Luncheon – Industry Presentations**  
**Mallinckrodt Pharmaceuticals**  
A Non-Opioid, Non NSAID Analgesic for Perioperative Pain Management  
Geoffrey Westrich, MD  
*\*CME Credit Not Available*

**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 Anterior, Posterior, Lateral Approach: Does it Matter?  
*Adam Rana, MD, Maine Medical Center*

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

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

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

12:55 pm Discussion

**NJOS Special Guest Speaker**  
**Hosted by New Jersey Orthopaedic Society**  
Moderator: Bruce Monaghan, MD, Advanced Orthopaedics Centers

1:00 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 Introduction

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

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

2:05 pm Questions / Break

2:20 pm Adult Reconstruction  
*Carlos J. Lavernia, MD, University of Miami*

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

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

3:50 pm Questions / Break

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

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

2:00 pm **Multimedia Education Session** Americana Salon Foyer

## FRIDAY, OCTOBER 20

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

7:00 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 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 **Ranawat Award**  
Adductor Canal Block vs. Periarticular Bupivacaine Injection in TKA  
*Matthew J. Grosso, MD, Columbia University Medical Center*

7:17 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 **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 **Founders' Award**  
Diagnosing Periprosthetic Joint Infection: The Promise of Next Generation Sequencing  
*Majd Tarabichi, MD, Rothman Institute*

7:35 am **Resident Travel Grant Award**  
Increased Resource Utilization in Medicaid Patients Following Primary Hip Arthroplasty  
*David Shau, MD, MBA, Emory University*

7:41 am Surgical Approach Does Not Affect Short Term Stem Subsidence Rate in THA with Cementless Tapered Wedge

# Scientific Program Americana Salon 4, Unless Otherwise Specified

Stems

*Coridon Huez, MD, Lenox Hill Hospital*

*\*Presented by Zachary P. Berliner, MD*

7:47 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

Discussion

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

Moderators: Charles D. Hummer III, MD, Premier Orthopaedics & Samuel I. Brown, MD, Sports Medicine and Orthopaedics Center

8:03 am

Dynamometer Elbow Strength and Endurance Testing after Distal Biceps Reconstruction with Allograft

*Mathew Hamula, MD, NYU Hospital for Joint Diseases*

8:07 am

Acute and 90-Day Cost Analysis for Treatment of Anterior Shoulder Instability

*Samuel Rosas, MD, Wake Forest Baptist Health*

8:11 am

AIS Morphologic Classification: Are Plain Radiographs Enough?

*Andrew Swentik, MD, Palmetto Health*

8:15 am

Discussion

8:19 am

Outcomes of Quadriceps Tendon Autograft in Anterior Cruciate Ligament Revision

*Stephanie Boden, BS, Emory University*

8:23 am

Outcomes after Elmslie-Trillat Osteotomy Using a Minimally Invasive Technique

*Ian Gao, MD, Emory University*

8:27 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

Discussion

## **Rapid Fire Session 5B – Trauma**

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

8:03 am

Hip Fracture Patients on Non-Warfarin Anticoagulants Is Surgical Delay Warranted?

*Ariana Lott, BA, NYU Hospital for Joint Diseases*

*\*Presented by Jack M. Haglin, BS*

8:07 am

Is there a Critical Window for Debridement of Open Fractures?

*Amanda Mener, BS, BA, Emory University School of Medicine*

8:11 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

Discussion

8:19 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

Dimensions of the Pediatric Femur: Anatomic Considerations for Flexible Nailing

*Michael Heffernan, MD, LSU Health Science Center*

8:27 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

Discussion

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

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

8:03 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

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

Spinal Anesthesia Is Superior to General Anesthesia for Total Hip Arthroplasty Patients

*Michael S. Cremins, PA-C, PhD, Musculoskeletal Outcomes Institute*

8:15 am

Discussion

8:19 am

Neurocognitive Dysfunction and Its Effect on TJA Outcomes

*Afshin A. Anoushiravani, MD, NYU Hospital for Joint Diseases*

8:23 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

Nutritional Status Predicts Short-Term Clinical Outcomes Following Total Joint Arthroplasty

*Cary S. Politzer, BS, Duke University School of Medicine*

8:31 am

Discussion

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

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

8:03 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

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

Systematic Review: Diagnostic Imaging for CPRS of the Lower Extremity

*James F. Baker, MD, University of Louisville*

8:15 am

Discussion

8:19 am

Association of Posterior Malleolus Displacement with SER Ankle Fracture Pattern

*Ashley Levack, MD, MAS, Hospital for Special Surgery*

8:23 am

Ankle Fractures: Utility of Ottawa Ankle Rules and Clinical Practice

*Jordan Murphy, BS, Georgetown University School of Medicine*

# Scientific Program

Americana Salon 4, Unless Otherwise Specified

8:27 am Association of Frailty with Postoperative Outcomes after Elderly Ankle Fractures  
*Rishin J. Kadakia, MD, Emory University*

8:31 am Discussion

## Rapid Fire Session 5E – Upper Extremity

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

8:03 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 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 Routine Use of a Closed-Suction Drain in Total Shoulder Arthroplasty: Is There a Benefit?  
*Benjamin Zmistowski, MD, Rothman Institute*

8:15 am Discussion

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

8:23 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 RSA Has Higher Perioperative Implant Complications than TSA  
*Xinning Li, MD, Boston University School of Medicine*

8:31 am Discussion

8:35 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 **BOC Report**  
*Henry A. Backe Jr., MD, Orthopaedic Specialty Group, Quinnipiac University, Netter School of Medicine*

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

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

10:00 am **BREAK – Please visit Exhibits** Americana Salon 3

## Symposium 3 – Foot & Ankle

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

10:20 am Arthroscopic Ankle Fusion is the Way to Go: Why and How  
*Margaret J. Lobo, MD, Lahey Hospital & Medical Center*

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

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

10:50 am Ankle Instability: When to Operate and How?  
*Christopher P. Chiodo, MD, Brigham and Women's Hospital*

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

11:10 am Discussion

11:15 am **EOA Luncheon Industry Presentation**  
**ConvaTec**

*\*CME Credit Not Available*

### 3M Health Care

Reducing Periprosthetic Joint Infection Risk: Critical Updates & Interventions

Calin S. Moucha, MD

*\*CME Credit Not Available*

## Symposium 4 – Shoulder

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

12:15 pm Shoulder Instability: My Approach in 2017  
*Xinning Li, MD, Boston University School of Medicine*

12:25 pm SLAP Tears in Overhead Athletes  
*Sara L. Edwards, MD, Sports Orthopedic & Rehab*

12:35 pm Biceps Disease: When, What, & Where?  
*Ilya Voloshin, MD, University Orthopaedic Associates of Rochester*

12:45 pm Design Considerations in Reverse Shoulder Arthroplasty  
*Jonathan C. Levy, MD, Holy Cross Orthopaedic Institute*

12:55 pm Discussion

1:00 pm **EOA Industry Presentation**  
**Legally Mine**

Understanding Legal Tools: The Keys to Locking Out Lawsuits and Reducing Taxes

Jack McClary

*\*CME Credit Not Available*

1:00 pm **Scientific E-Poster Session**  
Presenters will be available to answer questions.

2:00 pm **Multimedia Education Session** Americana Salon Foyer

## SATURDAY, OCTOBER 21

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

7:00 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 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 Thromboembolic Events in Elective versus Non-Elective Foot & Ankle Surgery  
*Nicholas Yohe, MD, Maimonides Medical Center*

# Scientific Program

Americana Salon 4, Unless Otherwise Specified

- 7:17 am Neuromonitoring in Deformity Surgery: Impact of Consistency on Surgical Outcomes  
*David S. Casper, MD, Shriners' Hospital for Children*
- 7:23 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 **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 **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 **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 **Resident Award**  
Solid Cortical versus Cannulated Cancellous Screw Fixation for Lisfranc Injuries  
*Joshua C. Rozell, MD, University of Pennsylvania*
- 7:53 am Biomechanical Comparison of Blade Plate Designs in Proximal Femoral Varus Osteotomies  
*Joseph J. Ruzbarsky, MD, Hospital for Special Surgery*
- 7:59 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 **Resident Award**  
Orthopaedic Specialty University Hospitals, Do They Provide Better Outcomes?  
*Jimmy Daruwalla, MD, Emory University*
- 8:11 am Discussion
- 8:15 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 Elbow Arthroscopy: Tips & Tricks  
*Charles Cassidy, MD, Tufts Medical Center*
- 8:55 am Wrist Arthroscopy: Tips & Tricks  
*Marc J. Richard, MD, Duke University Medical Center*
- 9:05 am Endoscopic vs Open Carpal Tunnel Release  
*Eon K. Shin, MD, The Philadelphia Hand Center*
- 9:15 am Epicondylitis: Current Concepts  
*David S. Zelouf, MD, The Philadelphia Hand Center*
- 9:25 am Discussion
- 9:35 am **Second Business Meeting**
- 9:50 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 Introduction of Presidential Guest Speaker  
*James T. Guille, MD, Premier Orthopaedics, Brandywine Institute of Orthopaedics Division*

## 10:20 am Presidential Guest Speaker

Glorious Orthopaedics

*J. Richard Bowen, MD, Alfred I. duPont Hospital for Children (Nemours Foundation)*

## Rapid Fire Session 9A – Sports Medicine

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

- 10:53 am Patient Reported Outcomes After Isolated Posterior Cruciate Ligament Reconstruction  
*Ryan Rauck, MD Hospital for Special Surgery*
- 10:57 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 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 Discussion
- 11:09 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 Condyle-Specific Matching Does Not Improve Outcomes after Osteochondral Allograft Transplantation  
*Dean Wang, MD, Hospital for Special Surgery*
- 11:17 am Inverted C-Arm Orientation During Hip Arthroscopy Decreases Patient Radiation Exposure  
*Nischal S. Nadig, DO, Dwight D. Eisenhower Army Medical Center*
- 11:21 am Discussion

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

Moderators: David W. Romness, MD, OrthoVirginia & Michael P. Ast, MD, Mercer Bucks Orthopaedics

- 10:53 am Three-Dimensional Templating for Acetabular Component Alignment during Total Hip Arthroplasty  
*Ameer M. Elbuluk, BA, NYU Hospital for Joint Diseases*
- 10:57 am Impact of Timing to Revision of Metal-on-Metal Total Hip Arthroplasty  
*Lindsay T. Kleeman, MD, Duke University*  
*\*Presented by Daniel E. Goltz, BA*
- 11:01 am Simple Radiographic Parameters Predict Loosening of Modern Cementless Acetabular Cups  
*Hamed Vahedi, MD, Rothman Institute*
- 11:05 am Discussion
- 11:09 am Balanced Resection Surgical Technique for Robotic-Arm Assisted Total Knee Arthroplasty  
*Robert C. Marchand, MD, Ortho Rhode Island*
- 11:13 am What are the Risk Factors of Persistent Wound Drainage after Total Hip and Knee Arthroplasty?

# Scientific Program

Americana Salon 4, Unless Otherwise Specified

*Ali Oliashirazi, MD, Marshall Orthopaedics*  
*\*Presented by Alisina Shahi, MD*

11:17 am Computer-Assisted versus Conventional Technique: Medial Unicompartmental Knee Arthroplasty  
*Jason Wong, MD, Columbia University Medical Center*

11:21 am Discussion

## Rapid Fire Session 9C – Biologics

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

10:53 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 Can Biologics Slow Down Osteoarthritis? Systematic Review of the Literature  
*Weilong J. Shi, MD, Rothman Institute*

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

11:05 am Discussion

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

11:13 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 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 Discussion

## Rapid Fire Session 9D – Health Care Economics

Moderators: Richard Iorio, MD, NYU Langone Medical Center & Adam J. Rana, MD, Maine Medical Center

10:53 am Do Healthcare Disparities Affect Outcomes Following Nonunion Repair Surgery?  
*David Kugelman, BS, NYULMC Hospital for Joint Diseases*

10:57 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 Plunging Dangerously: A Quantitative Assessment of Drilling the Clavicle  
*Daniel Gloekler, MD, UPMC Hamot*

11:05 am Discussion

11:09 am Fellowship Training: The Financial Impact on Orthopaedic Surgeon Career  
*Paul M. Inclin, BS, Wake Forest School of Medicine*

11:13 am Description of Medicare Payments in a Bundled Payment Model  
*William T. Baumgartner, BA, Duke University*

11:17 am Safety Criteria for Short Hospital Stay after Total Joint Replacement  
*Morteza Meftah, MD, Bronx-Lebanon Hospital*

11:21 am Discussion

## Rapid Fire Session 9E – Upper Extremity

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 Touch Surgery: Analysis and Assessment of Validity of a Hand Surgery Simulation “App”  
*Jacob E. Tulipan, MD, Rothman Institute*

10:57 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 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 Discussion

11:09 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 The Effect of Distal Pole Scaphoid Resection on Wrist Biomechanics  
*Stephen Hioe, DO, Rowan University*  
*\*Presented by Megan L. Jimenez, DO*

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

11:21 am Discussion

11:25 am **Refreshment Break** Americana Salon Foyer

## 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 Pediatric ACL Reconstruction: Current Concepts  
*Peter D. Fabricant, MD, MPH, Hospital for Special Surgery*

11:55 am BEAR ACL Repair  
*Yi-Meng Yen, MD, Boston Children’s Hospital*

12:05 pm Articular Cartilage Update 2017  
*Tom Minas, MD, Brigham and Women’s Hospital*

12:15 pm Discussion

## Symposium 7 – Trauma

Moderator: Payam Tabrizi, MD, The Hughston Clinic/Memorial Hospital

12:25 pm Open Fractures: Current Guidelines for Treatment  
*David B. Weiss, MD, University of Virginia*

12:35 pm Compartment Syndrome: Current Concepts  
*Mara L. Schenker, MD, Emory University School of Medicine*

12:45 pm Tibial Shaft Fractures: Tips & Tricks  
*David Wellman, MD, Hospital for Special Surgery*

12:55 pm Discussion

## Scientific E-Poster Session

Presenters will be available to answer questions.

2:05 pm **Multimedia Education Session** Americana Salon Foyer

# Scientific Poster Presentations

Thursday, October 19: 6:00 am – 7:00 am

Friday, October 20: 6:00 am – 7:00 am / 1:00 pm – 2:00 pm

Saturday, October 21: 6:00 am – 7:00 am / 1:05 pm - 2:05 pm

## STATION A

### Basic Science

**Poster 1:** Intraoperative Fluorescence Improves Nerve Visualization during Revision Surgery in Mice

*Rebecca Glasser, BA, Johns Hopkins School of Medicine*

**Poster 2:** Cytotoxicity Profile of Chlorhexidine Gluconate on Human Fibroblasts, Myoblasts, and Osteoblasts

*James X. Liu, MD, NYU Hospital for Joint Diseases*

**Poster 3:** Evaluation of TRB-N0224, Chemically Modified Curcumin for Treatment of Osteoarthritis

*Ryan A. Nixon, MD, Northwell Health*

### Total Hip

**Poster 4:** Complications Following Total Hip Arthroplasty in the Elderly

*Anthony J. Boniello, MD, Drexel University College of Medicine*

**Poster 5:** Primary vs. Conversion Total Hip Arthroplasty: Cost and Perioperative Comparisons

*Marcus DiLallo, BA, Duke University*

*\*Presented by Cary S. Politzer, BS*

**Poster 6:** Results of Head/Liner Exchange with the Direct Anterior Approach

*Brian P. Gladnick, MD, OrthoVirginia*

**Poster 7:** Outcomes Of Direct Anterior Total Hip Arthroplasty (DA-THA) In Elderly Population

*Neel Gupta, MD, Hahnemann University Hospital/Drexel University College of Medicine*

**Poster 8:** Birmingham Hip Resurfacing versus Total Hip Replacement: A Matched-Pair Comparison

*Victor R. Ortiz-Delet, MD, American Hip Institute*

**Poster 9:** Survivorship of Revision of Metal-on-Metal Total Hip Arthroplasty

*Danielle Y. Ponzio, MD, Hospital for Special Surgery*

**Poster 10:** Irrigation And Debridement For Periprosthetic Hip Infection: Does Timing Play A Role?

*Yousuf Sayeed, BSc, NYU Hospital for Joint Diseases*

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

**Poster 11:** Decreased Incidence of Impingement in Dual Mobility vs. Fixed Bearing Liners: A Retrieval Study

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

**Poster 12:** Capsular Healing after Anterior Total Hip Arthroplasty: An MRI Study

*Carlos A. Williams, MD, Lenox Hill Hospital*

*\*Presented by Zachary P. Berliner, MD*

## STATION B

### Pediatrics

**Poster 13:** Prolonging Molding Time during Fiberglass Cast Application – An In-Vitro Study

*Mark Ayzenberg, MD, Einstein Healthcare Network*

**Poster 14:** Neonatal Osteoarticular Infections: An Orthopedic Nightmare

*Barbara Minkowitz, MD, Goryeb Childrens Hospital, Atlantic Health Systems*

**Poster 15:** Evaluating the Use of an Electronic Inclinator in Correcting Rotational Disorders

*Ishaan Swarup, MD, Hospital for Special Surgery*

### Total Knee

**Poster 16:** Combined Surgical APGAR – ASA Score Predicts 90-day Readmission in TJA

*Daniel E. Goltz, BS, Duke University School of Medicine*

**Poster 17:** Range of Motion in Total Knee Arthroplasty after Manipulation under Anesthesia

*Erin Honcharuk, MD, Rutgers-Robert Wood Johnson Hospital*

**Poster 18:** Optimal Length of Stay Following Joint Arthroplasty to Reduce Readmission

*Patricia A. Kirkland, BS, Medical University of South Carolina*

*\*Presented by Jacob M. Drew, MD*

**Poster 19:** Irrigation and Debridement for Early Periprosthetic Knee Infection: Is it Effective?

*Rajkishen Narayanan, MS, NYU School of Medicine*

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

**Poster 20:** Accuracy of Femoral Cut Angle Using Standard Valgus Cutting Jig

*Seth O'Donnell, MD, Warren Alpert School of Medicine at Brown University*

*\*Presented by Michael C. Mariorenzi, MD*

**Poster 21:** Diabetes and Total Joint Arthroplasty: Post-Operative Infections and Risk Assessment

*Sean Ryan, MD, Duke University Hospital*

**Poster 22:** Antibiotic Holiday Prior to Reimplantation May Not Be Needed

*Timothy L. Tan, MD, Rothman Institute*

### Upper Extremity

**Poster 23:** MRI Is Cost Effective to Diagnose Treatment in Tennis Elbow

*Yonaton G. Keschner, MD, Orthopaedic Foundation*

**Poster 24:** Case-To-Case Factors Affecting Operating Room Turnover Time

*Andrew Mo, MD, Lenox Hill Hospital*

**Poster 25:** Medial Collateral Ligaments: Initial Site of Rupture in Elbow Dislocations

*Jeffrey G. Stepan, MD, MSc, Hospital for Special Surgery*

**Poster 26:** Misdiagnosis and Radial Tunnel Syndrome: What about the Distal Biceps?

*Jacob M. Wilson, MD, Emory University*

*\*Presented by Robert Runner, MD*

## STATION C

### Other

**Poster 27:** The Landscape of Female Orthopedic Surgeons: What is the Distribution across the United States?

*Talia Chapman, MD, Rothman Institute at Thomas Jefferson University*

**Poster 28:** Predicting Pulmonary Embolism in Total Joint Arthroplasty Patients

*Kevin K. Chen, MA, NYU Hospital for Joint Diseases*

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

**Poster 29:** Publication Misrepresentation among Orthopaedic Residency Applicants

*Samuel D. Cook, BA, Drexel University College of Medicine*

**Poster 30:** The Affordable Care Act and Orthopedics: Insurance and Physician Access

*Giacomo Cappelletti, MD, Maimonides Medical Center*

*\*Presented by Nicholas Yohe, MD*

**Poster 31:** Feasibility of Alignment Correction of Large Varus Deformities during UKA

*Laura J. Kleeblad, MD, Hospital for Special Surgery*

**Poster 32:** Provider-Initiated Patient Satisfaction Reporting Yields Improved Physician Ratings Relative to Commercial Online Rating Websites

*Benjamin F. Ricciardi, MD, University of Rochester*

### Spine

# Scientific Poster Presentations

Thursday, October 19: 6:00 am – 7:00 am

Friday, October 20: 6:00 am – 7:00 am / 1:00 pm – 2:00 pm

Saturday, October 21: 6:00 am – 7:00 am / 1:05 pm – 2:05 pm

**Poster 33:** Occipital Condyle Morphology: A CT-Based Analysis of 500 Condyles

*Kenneth Foxx, MD, University of Rochester Medical Center*

*\*Presented by Adan Omar, MD*

**Poster 34:** Spinal Fusion Trends In Neurofibromatosis: A Nationwide Analysis

*Etka Kurucan, BA, University of Rochester School of Medicine & Dentistry*

*\*Presented by Adan Omar, MD*

**Poster 35:** T1 Tilt/Clavicle Angle: Best Predictors of Postoperative Shoulder Balance?

*Andrew S. Lee, MD, Northwell Health*

**Poster 36:** Spinal Cord Injuries in Geriatric Population: Etiology, Management, and Complications

*Addisu Mesfin, MD, University of Rochester*

*\*Presented by Karan Arul, BS*

**Poster 37:** Microfracture Augmentation Techniques For Chondral Defects: A Review Of Literature

*Khoa B. Nguyen, BS, Nirschl Orthopaedic Center*

*\*Presented by Ronald Paik, MD*

**Poster 38:** The Impact of Insurance Coverage on Access to Orthopedic Spine Care

*Dale N. Segal, MD, Emory University*

## STATION D

### Trauma

**Poster 39:** Determinants of Length of Stay Following Surgically Treated Femur Fractures

*Matthew Aizpuru, BA, Emory School of Medicine*

*\*Presented by Robert Runner, MD*

**Poster 40:** Relationship Between GCS and Management of Isolated Open Fibula Fractures

*Nisha N. Branch, MD, MPH, Kingsbrook Jewish Medical Center*

**Poster 41:** Distal Femur Fractures Treated by Arthroplasty Compared to Osteosynthesis

*Foster Chen, MD, Montefiore Medical Center*

*\*Presented by Alan Job*

**Poster 42:** Posterior Malleolar Fixation: Does It Matter?

*Derek J. Donegan, MD, University of Pennsylvania*

*\*Presented by Thomas Rose, BS*

**Poster 43:** Fractures Associated with Jet Ski Usage

*Chester John Donnally III, MD, University of Miami Hospital*

**Poster 44:** Patient Understanding and Perceptions of Overlapping Orthopaedic Trauma Surgery

*Cody L. Evans, MD, University of Virginia*

*\*Presented by David B. Weiss, MD*

**Poster 45:** Unique Consideration of Fracture Morphology and Axial Skeleton Injuries in Bilateral Calcaneus Fracture

*John S. Hwang, MD, Carolinas Medical Center*

*\*Presented by M. Kareem Shaath, MD*

**Poster 46:** TAD as a Predictor of Failure in Cephalomedullary Nails

*Paul Norio Morton, MD, St. Luke's University and Health Network*

*\*Presented by Anshul Agarwala, MD*

**Poster 47:** Autogenous Iliac Crest Bone Grafting of Long Bone Nonunions in the Elderly: Is It Feasible?

*Abdullah Qatu, BSE, Hospital for Joint Diseases*

**Poster 48:** Core Muscle Fatty Atrophy: A Marker for Frailty and Increased Complications in Orthopaedic Trauma Patients

*Mara Schenker, MD, Emory University*

*\*Presented by Robert Runner, MD*

**Poster 49:** Meta-Analysis of Treatment and Mobilization Following Extensor Mechanism Rupture

*Joseph Serino, BS, Georgetown University School of Medicine*

*\*Presented by Brian McCormick, BS*

## STATION E

### Foot & Ankle

**Poster 50:** Supine Achilles Repair Decreases Total Operating Room and Anesthesia Time

*David Beck, MD, Thomas Jefferson University Hospital*

**Poster 51:** Arthroscopic Intra-Articular Findings during Ankle Fracture Repair, A Retrospective Review

*Peter L. Cohn, MD, Georgetown University Hospital*

**Poster 52:** Total Ankle Arthroplasty: Analysis of Motion and Functional Outcomes

*Benjamin A. Hendy, MD, Thomas Jefferson University Hospital*

*\*Presented by Brian S. Winters, MD*

**Poster 53:** A Comparison of Pre- and Post-Operative Activity Levels Following Ankle Arthrodesis

*Brian Traub, BA, Emory University School of Medicine*

### Sports Medicine

**Poster 54:** Management of Meniscal Tears in Middle Aged Patients

*William P. Bassett, MD, Rutgers, Robert Wood Johnson*

**Poster 55:** Single Sport Specialization In Youth Sports

*Patrick S. Buckley, MD, Sidney Kimmel Medical College at Thomas Jefferson University*

*\*Presented by Michael C. Ciccotti, MD*

**Poster 56:** Impact of Baseline Shoulder Outcome Measures with Patient Comorbidities

*Steven DeFroda, MD, ME, Brown University*

*\*Presented by Sheena Amin, BS*

**Poster 57:** Use of the F.A.S.T. (Fundamentals of Arthroscopic Surgery Training) Program to Improve Arthroscopic Skills

*E. Barry McDonough, MD, West Virginia University*

*\*Presented by Kevin Shepet, MD*

**Poster 58:** Trends and Risk Factors for One-Year Complication of Latarjet Procedure

*Albit R. Paoli, BS, NYU Hospital for Joint Diseases*

**Poster 59:** Risk Factors for Contralateral ACL Reconstruction – A Case-Control Study

*Todd Pierce, MD, Seton Hall University School of Health and Medical Sciences*

**Poster 60:** Single-Bundle ACL Reconstruction: Creating Native Footprint with Transtibial Drilling

*Kevin D. Plancher, MD, Albert Einstein College of Medicine*

**Poster 61:** Impact of Clavicle Fractures on NFL Athletes' Return and Performance

*Darshan Vora, BS, The George Washington University School of Medicine & Health Sciences*

**Poster 62:** The Impact of Socioeconomic Factors on Outcomes following Anterior Cruciate Ligament Reconstruction

*Michael A. Zacchilli, MD, NYU Hospital for Joint Diseases*

*\*Presented by Hien Pham, MD*

# SEE YOU NEXT FALL IN AMELIA ISLAND, FL



October 17-20, 2018  
Omni Amelia Island Plantation  
Amelia Island, FL