

MID-AMERICA ORTHOPAEDIC ASSOCIATION

42ND Annual Meeting | April 9 – 13, 2025

La Cantera Resort | San Antonio, Texas

SCIENTIFIC PROGRAM

*Denotes speaker

WEDNESDAY, APRIL 9, 2025

9:00 AM – 11:30 AM **Board of Directors' Meeting**
San Gabriel

1:00 PM – 4:30 PM **Pre-Meeting Course**
Pearls for the Early in Practice Orthopedic Surgeon
San Antonio G

Matthew D. Karam, M.D., Chair
Iowa City, IA

Christopher M. McAndrew, Moderator
St. Louis, MO

Charles P. Hannon, M.D. , Moderator
Rochester, MN

Brian R. Wolf, M.D. , Moderator
Iowa City, IA

6:00 PM – 7:00 PM **New Member & Grant Recipient Reception**
City View Terrace

7:00 PM – 9:00 PM **Welcome Dinner**
Plaza San Saba & Esparza Lawns

THURSDAY, APRIL 10, 2025

FIRST PLENARY SESSION

San Antonio ABC

7:00 AM – 7:15 AM **Member Business Meeting**
San Antonio ABC

7:15 AM – 10:00 AM
Co-Moderator: **David M. Brogan, M.D.**
St. Louis, MO
Co-Moderator: **Christopher M. McAndrew, M.D.**
St. Louis, MO

7:16 AM – 7:21 AM **Welcome and Introductory Remarks**

James A. Keeney, MD, 2024 – 2025 MAOA President
Columbia, MO

7:22 AM – 8:02 AM **Symposium I**
Topic: Great Saves

Faculty: *Surgical Salvage of Advanced Parks-Weber Syndrome*
Peter S. Rose, M.D.
Rochester, MN

Falling into the Ortho Vortex: Humeral Shaft Edition
Jeffrey Earhart, M.D.
Rockford, IL

8:03 AM – 8:33 AM **CLASSICS IN ORTHOPAEDICS**
A Brief History of Revision Total Knee Arthroplasty

David G. Lewallen, MD
Rochester, MN

Introduced by: **James A. Keeney, MD**
Columbia, MO

8:34 AM – 8:39 AM **Presentation of MAOA Physician in Training Awards for Excellence in Medical Writing**

Christopher M. McAndrew, MD
St. Louis, MO

8:40 AM – 8:45 AM
1. Edward D. Henderson, M.D. Award Presentation
Prospective, Randomized, Controlled Trial of an Opioid-Sparing Protocol vs. Standard Opioid-Based Protocol Following Open Reduction Internal Fixation of Distal Radius Fractures
*David W. Cooper, M.D. Carmel, IN
William J. Weller, M.D. Memphis, TN
Norfleet B. Thompson, M.D. Memphis, TN
Benjamin M. Mauck, M.D. Memphis, TN

- 8:46 AM – 8:51 AM **2. E. W. Johnson, Jr., M.D. Award Presentation**
Outcomes Following Early Weight Bearing in Syndesmotic Injuries: A Randomized Controlled Trial
- | | |
|-------------------------------------|--------------|
| *Elizabeth Durante, M.D. | Columbia, MO |
| Mubinah I. Khaleel, D.O. | Columbia, MO |
| Elizabeth Durante, M.D. | Columbia, MO |
| Sam Hawkins, B.S. | Columbia, MO |
| James P. Stannard, M.D. | Columbia, MO |
| Gregory J. Della Rocca, M.D., Ph.D. | Columbia, MO |
| Brett D. Crist, M.D., FACS | Columbia, MO |
| Kyle Schweser, M.D. | Columbia, MO |
- 8:52 AM – 8:57 AM **3. Carl L. Nelson, M.D. Award Presentation**
Repeat Exposure to Mesh-Glue Dressing is Associated with Allergic Contact Dermatitis: A Prospective Cohort Study
- | | |
|-----------------------------|-------------|
| *Conor M. Jones, M.D. | Chicago, IL |
| Robert A. Burnett, M.D. | Chicago, IL |
| Myles Atkins, M.D. | Chicago, IL |
| Amr Turkmani, B.S. | Chicago, IL |
| Craig J. Della Valle, M.D. | Chicago, IL |
| Brett R. Levine, M.D., M.S. | Chicago, IL |
| Richard A. Berger, M.D. | Chicago, IL |
| Vasili Karas, M.D., M.S. | Chicago, IL |
- 8:58 AM – 9:03 AM **4. Dallas B. Phemister, M.D. Award Presentation**
Effect of Antibiotic Use on Tissue Culture Results in Patients with Periprosthetic Joint Infection
- | | |
|----------------------------|---------------|
| *Merrick T. Ducharme, B.A. | Rochester, MN |
| Khaled A. Elmenawi, B.S. | Rochester, MN |
| Herve Poilvache, M.D. | Rochester, MN |
| Ryan B. Khodadadi, M.D. | Rochester, MN |
| Said El Zein, M.D. | Rochester, MN |
| Brian D. Lahr, M.S. | Rochester, MN |
| Elie F. Berbari, M.D. | Rochester, MN |
| Nicholas A. Bedard, M.D. | Rochester, MN |
- 9:03 AM – 9:11 AM **Floor Discussion**
- 9:12 AM – 9:17 AM **Introduction of Recipients of Education Grants, Multipurpose Resident Grants**
- Introductions by: **Brett R. Levine, MD, MS, MAOA Education Chair**
Washington, DC
- 9:18 AM – 9:29 AM **OREF Presentation**
- Presented by: **Lee Grossman, MBA, ML, CAE**
Chief Executive Officer, OREF

9:30 AM – 10:00 AM

Ask the Expert & Open Case Discussions

Topic: Upper Extremity Arthritis

Room: San Antonio ABC

Faculty: Jonathan D. Barlow, M.D.
Rochester, MN

Julie Y. Bishop, M.D.
Columbus, OH

Martin I. Boyer, M.D.
St. Louis, MO

10:00 AM – 10:30 AM

Poster Viewing – presenters will be available (CME credit will be offered)

10:00 AM – 10:30 AM

Coffee Break in Exhibit Hall

San Antonio DEF

- 11:00 AM – 11:05 AM **9. What is the Safest and Most Effective Dose of IV Dexamethasone in TKA? A Multicenter Randomized Controlled Trial**
- | | |
|-------------------------------|-------------------|
| Charles P. Hannon, M.D., MBA | Rochester, MN |
| *Anne DeBenedetti, MSc | Chicago, IL |
| Robert L. Barrack, M.D. | St. Louis, MO |
| Young-Min Kwon, M.D., Ph.D. | Boston, MA |
| Jess H. Lonner, M.D. | Philadelphia, PA |
| Rafael Sierra, M.D. | Rochester, MN |
| James I. Huddleston III, M.D. | Stanford, CA |
| Charles Nelson, M.D. | Philadelphia, PA |
| Ran Schwarzkopf, M.D., MSc | New York, NY |
| Gwo Chin Lee, M.D. | New York, NY |
| Erik Hansen, M.D. | San Francisco, CA |
- 11:06 AM – 11:11 AM **10. Increased Complications and Revision Rates Amongst Patients Who Undergo Unicompartmental Knee Arthroplasty by Non-Adult Reconstruction Trained Surgeons**
- | | |
|-----------------------------|-------------|
| *Enrico M. Forlenza, M.D. | Chicago, IL |
| Robert A. Burnett III, M.D. | Chicago, IL |
| Amr Turkmani B.S. | Chicago, IL |
| Tad L. Gerlinger, M.D. | Chicago, IL |
| Brett R. Levine, M.D., M.S. | Chicago, IL |
| Craig J. Della Valle, M.D. | Chicago, IL |
- 11:12 AM – 11:17 AM **11. Evaluating the Inflation on Medicare Reimbursement Trends for Total Knee Arthroplasty (2006-2022)**
- | | |
|-------------------------------|-------------|
| *Apurva Choubey, M.D. | Chicago, IL |
| Brett Drake, B.S. | Chicago, IL |
| Jibreel Hussain, MBA | Chicago, IL |
| Nasiruddin Shaik | Chicago, IL |
| Nezar Abunnur, B.S. | Chicago, IL |
| Luke Zabawa, M.D. | Chicago, IL |
| Nirav K. Mungalpara, M.D. | Chicago, IL |
| Yasser Farid, M.D. | Chicago, IL |
| Mark H. Gonzalez, M.D., Ph.D. | Chicago, IL |
- 11:18 AM – 11:23 AM **12. Total Knee Arthroplasty After Ipsilateral Knee Arthroscopy: Expectations and Satisfaction**
- | | |
|--------------------------------|--------------|
| *Lasun O. Oladeji, M.D., Ph.D. | New York, NY |
| James A. Keeney, M.D. | Columbia, MO |
- 11:24 AM – 11:29 AM **13. Preoperative Joints Education Class Decreases Length of Stay After Total Knee Arthroplasty**
- | | |
|---------------------|-------------|
| *Ali Mehaidli, M.D. | Detroit MI |
| Tahsin Rahman, M.D. | Detroit MI |
| Noah Hodson, M.D. | Detroit MI |
| Mary Hennekes | Detroit, MI |

11:29 AM – 11:36 AM **FLOOR DISCUSSION**

11:37 AM – 11:42 AM **SPOTLIGHT LECTURE**

Unicompartmental Knee Arthroplasty: Who, When, How, and Why?

Nicolas O. Noiseux, M.D., M.S., FRCSC
Iowa City, IA

- 11:43 AM – 11:48 AM **14. Intraosseous Vancomycin Reduces the Rate of Periprosthetic Joint Infection Following Aseptic Revision Total Knee Arthroplasty**
 Colin A. McNamara, M.D. Miami, Florida
 Austin E. Winger, M.D. Houston, TX
 Thomas C. Sullivan, B.S. Houston, TX
 Timothy S. Brown, M.D. Houston, TX
 Terry A. Clyburn, M.D. Houston, TX
 Stephen J. Incavo, M.D. Houston, TX
 *Kwan J. Park Houston, TX
- 11:49 AM – 11:54 AM **15. Cement Articulating Spacers vs. All-Polyethylene Tibial Spacers with a Metal Femoral Component in the Treatment of Periprosthetic Knee Infections**
 Sameer, Naranje, M.D. Birmingham, AL
 Matthew, McCrosson, M.D. Lake Worth, FL
 Mila, Scheinberg, M.D. New Orleans, LA
 Francis Cruz, B.S. Birmingham, AL
 *Jose Ayala-Ortiz, M.D. Birmingham, AL
- 11:55 AM – 12:00 PM **16. Does Matching the Native Coronal Plane Alignment of the Knee (CPAK) Improve Outcomes in Primary TKA?**
 *Kent R. Kraus, M.D. Indianapolis, IN
 Evan R. Deckard, B.S.E Indianapolis, IN
 Leonard T. Buller, M.D. Indianapolis, IN
 John B. Meding, M.D. Indianapolis, IN
 R. Michael Meneghini, M.D. Indianapolis, IN
- 12:01 PM – 12:06 PM **17. Does Patella Osteoarthritis Affect Outcomes of Selectively Unresurfaced Patellae in Primary TKA?**
 Zachary J. Gunderson, M.D. Indianapolis, IN
 Ruba Sokrab, M.D. Indianapolis, IN
 *Taylor G. Landis, M.D. Indianapolis, IN
 Leonard T. Buller, M.D. Indianapolis, IN
 Evan R. Deckard BSE Indianapolis, IN
 R. Michael Meneghini, M.D. Indianapolis, IN
- 12:06 PM – 12:15 PM **FLOOR DISCUSSION**

THURSDAY, APRIL 10, 2025
BREAKOUT SESSION #2 | TRAUMA
Room: San Antonio G

Co-Moderator: **Mauricio Kfuri, M.D., Ph.D.**
Columbia, MO

Co-Moderator: **Jeffrey Earhart, M.D.**
Rockford, IL

- 10:30 AM – 10:35 AM **18. Supplemental Fibula Fixation is Associated with a Higher Rate of Short-Term Reoperation After Pilon Fracture Open Reduction Internal Fixation**
Mark A. Plantz, M.D. Chicago, IL
*Rachel Bergman, M.D. Chicago, IL
Michael Peabody, M.D. Chicago, IL
Tyler Compton, M.D. Chicago, IL
Erik B. Gerlach, M.D. Chicago, IL
Jasmin Vargas, B.S. Chicago, IL
Muhammad Mutawakkil, M.D. Chicago, IL
Milap Patel, D.O. Chicago, IL
Bennet Butler, M.D. Chicago, IL
Anish Kadakia, M.D. Chicago, IL
- 10:36 AM – 10:41 AM **19. Comminuted Suprasyndesmotom Ankle Fractures are Associated with a High Rate of Anterolateral Plafond Involvement**
*Brian D. Wahlig, M.D. Rochester, MN
Ankur Khanna, B.S. Rochester, MN
Bailey R. MacInnis, M.D. Rochester, MN
Jonathan Copp, M.D. Hattiesburg, MS
Krystin A. Hidden, M.D. Rochester, MN
- 10:42 AM – 10:47 AM **20. Rates of Postoperative Complications Following Internal Fixation of Periprosthetic Tibia Fractures**
*Garrett N. Hawkins, B.S. Birmingham, AL
Matthew T. Yeager, B.A. Birmingham, AL
Austin Atkins, M.D. Birmingham, AL
Clay A. Spitler, M.D. Birmingham, AL
Joey P. Johnson, M.D. Birmingham, AL
- 10:48 AM – 10:53 AM **21. Age and Posterior Malleolus Size are Associated with Displacement of Trimalleolar Ankle Fracture-Dislocations**
Achraf H. Jardaly, M.D. St Louis, MO
Karsen Corn, M.D. St Louis, MO
Alexander Hoffman, B.S. St Louis, MO
Allison Shildt, B.S. St Louis, MO
Thomas Revak, D.O. St Louis, MO
*Joshua A. Ungar, M.D. St. Louis, MO
- 10:53 AM – 10:59 AM **FLOOR DISCUSSION**

11:00 AM – 11:05 AM

22. Interprosthetic Femur Fractures: A Multi-Center Retrospective Study

Jeffrey A. Foster, M.D.	Guy Guenthner, M.D.
*Lisa K. Cannada, M.D.	Aaron Shiinoki, B.S.
Arun Aneja M.D., PhD	Jacob M. Fischman, B.S.
William T. Obremsky, M.D.	Elsa Rodriguez, M.D.
Ryan Will, M.D.	Moreno Diaz, M.D.
Brianna Fram, M.D.	Aleksander Mika, M.D.
Simon C. Mears M.D., Ph.D.	Farhan Chowdry, B.S.
Jeffrey B. Stambough, M.D.	Andrew Chen, M.D.
Benjamin M. Stronach, M.D.	Zohair Zaidi, M.D.
Harrison Brown, B.S.	Anna N. Miller, M.D.
Jason Halvorson, M.D.	Joseph Gutbrod, B.S.
Nicholas Andring, M.D.	Carmen Quatman, M.D.
Natalie Marengi, M.D.	Jarrod Dumpe, M.D.
Niloofar Deghghan, M.D.	Marek Denisiuk, D.O.
Tony Huynh, M.D.	Heidi Israel Ph.D., RN
Scott Ryan, M.D.	Paul Matuszewski, M.D.

11:06 AM – 11:11 AM

23. Nail-Plate Fixation vs. Distal Femoral Replacement for Periprosthetic Distal Femur Fractures

Matthew McCrosson, M.D.	Lake Worth, FL
*Shelby Cate Hodges, B.S.	Birmingham, AL
Matthew Yeager, B.S.	Birmingham, AL
Sameer, Naranje, M.D.	Birmingham, AL
Scott, Mabry, M.D.	Birmingham, AL
Collier, Campbell, M.D.	Birmingham, AL
Jose Ayala-Ortiz, M.D.	Birmingham, AL

11:12 AM – 11:17 AM

24. Surgical Outcomes for Periprosthetic Distal Femur Fractures After Total Knee Arthroplasty

Mark Wu, M.D.	Rochester, MN
Brett R. Bukowski, M.D.	Rochester, MN
Joel A. Hickman	Rochester, MN
Daniel J. Berry, M.D.	Rochester, MN
William W. Cross III, M.D.	Rochester, MN
S. Andrew Sems, M.D.	Rochester, MN
*Brandon J. Yuan, M.D.	Rochester, MN
Matthew P. Abdel, M.D.	Rochester, MN

11:18 AM – 11:23 AM

25. Comparative Analysis of Fixation Accuracy Between Tibial Intermedullary Nailing Approaches Using New 3D Reconstruction Software

Samuel D. Hawkins B.S.	Columbia, MO
*Vladislav A. Husyev, B.S.	Columbia, MO
Mark I. Doss, B.S.	Columbia, MO
Gregory Della Rocca, M.D., Ph.D.	Columbia, MO
Kyle M. Schweser M.D.	Columbia, MO
Brett D. Crist, M.D., FACS	Columbia, MO

- 11:24 AM – 11:29 AM **26. ORIF of 105 Vancouver B1 Periprosthetic Femur Fractures After THA: High Mortality at Five Years**
 Rachel L. Honig, M.D. Rochester, MN
 *Nicolas A. Selemon, M.D. Rochester, MN
 Krystin A. Hidden, M.D. Rochester, MN
 Matthew P Abdel, M.D. Rochester, MN
 Brandon J Yuan, M.D. Rochester, MN
 Charles P. Hannon, M.D., MBA Rochester, MN
- 11:29 AM – 11:36 AM **FLOOR DISCUSSION**
- 11:37 AM – 11:42 AM **SPOTLIGHT LECTURE**
Tibial Plateau Fractures: Perspective

Mauricio Kfuri, M.D.
Columbia, MO
- 11:43 AM – 11:48 AM **27. Increased Social Deprivation Correlates with Worse Postoperative Pain and Anxiety PROMIS Scores in Distal Femur Fractures**
 Ndéye F. Guissé, M.D. Saint Louis, MO
 Arakua Welbeck, M.D. Saint Louis, MO
 *Nichelle Enata, M.D. Saint Louis, MO
 Susan Thapa, Ph.D. Saint Louis, MO
 Anna N. Miller, M.D. Saint Louis, MO
- 11:49 AM – 11:54 AM **28. Orthopedic Trauma Patients Respond to Patient Reported Outcomes Surveys at Lower Rates than All Other Orthopedic Subspecialties**
 *Nicolas Jozefowski Chicago, IL
 Carlo Eikani, M.D. Chicago, IL
 Robert Hand Chicago, IL
 Joseph Cohen, M.D. Chicago, IL
 Hobie Summers, M.D. Chicago, IL
 Ashley E. Levack, M.D. Chicago, IL
- 11:55 AM – 12:00 PM **29. Is Pelvic Arterial Angioembolization Associated with an Increased Rate of Postoperative Infection in Patients with an Operatively Treated Pelvic Fracture?**
 Phillip C. McKegg, M.S. Baltimore, MD
 Amber I. Park, B.S. Knoxville, TN
 *David May, M.S.E New Orleans, LA
 William Brigode, M.D. Chicago, IL
 Joel Williams, M.D. Chicago, IL
- 12:01 PM – 12:06 PM **30. Salvage of Failed Subtrochanteric Fracture Fixation in the Elderly: Revision Internal Fixation or Hip Arthroplasty?**
 Ankur Khanna, B.S. Rochester, MN
 Bailey R. MacInnis, M.D. Rochester, MN
 *Megan L. Anderson, B.A. Rochester, MN
 William W. Cross III, M.D. Rochester, MN
 S. Andrew Sems, M.D. Rochester, MN
 Jennifer Tangtiphaiboonana, M.D. Rochester, MN
 Krystin A. Hidden, M.D. Rochester, MN
 Brandon J. Yuan, M.D. Rochester, MN

12:06 AM – 12:15 PM **FLOOR DISCUSSION**

THURSDAY, APRIL 10, 2025
BREAKOUT SESSION #3 | HIP ARTHROPLASTY
Room: San Antonio H

Co-Moderator: **Craig R. Mahoney, M.D.**
West Des Moines, IA

Co-Moderator: **Robert T. Trousdale, M.D.**
Rochester, MN

- 10:30 AM – 10:35 AM **31. Constrained Liners Implanted Simultaneously at the Time of Acetabular Revision with a Contemporary Shell Design**
*Alexander C. Hayden, M.D. Rochester, MN
Adrián E. González-Bravo, B.S. Rochester, MN
James-Roland R. Markos, M.D. Rochester, MN
Charles P. Hannon, M.D., M.B.A. Rochester, MN
Matthew P. Abdel, M.D. Rochester, MN
Nicholas A. Bedard, M.D. Rochester, MN
- 10:36 AM – 10:41 AM **32. Creating an MRI Classification System for Hip Abductor Musculature Atrophy**
*Megan N. Baughman, B.S. Madison, WI
Donna G. Blankenbaker, M.D. Madison, WI
Samuel J. Mosiman, M.S. Madison, WI
Reagan S.H. Beyer, B.S. Madison, WI
Anchal P. Dhawan, B.S. Madison, WI
Ariel H. Kim, B.A. Madison, WI
Andrea M. Spiker, M.D. Madison, WI
- 10:42 AM – 10:47 AM **33. Comparing Highly Crossed-Linked Polyethylene Wear with Functional Activity in Young THA Patients**
*Sergio F. Guarin Perez, M.D. Rochester, MN
Michael B. Stuart, M.D. Rochester, MN
Sheng-Hsun Lee, M.D. Rochester, MN
Diego J. Restrepo, M.D. Rochester, MN
Robert T. Trousdale, M.D. Rochester, MN
Daniel J. Berry, M.D. Rochester, MN
Rafael J. Sierra, M.D. Rochester, MN
- 10:48 AM – 10:53 AM **34. Does Replicating the Native Hip Center, Femoral Offset and Leg Lengths Improve PROMs After THA?**
Andrew Schneider, M.D. Indianapolis, IN
*MacKenzie Molina, B.S. Indianapolis, IN
Lauren I. Pitz-Gonçalves, M.D. Indianapolis, IN
Braeden W. Estes, M.D. Indianapolis, IN
Evan R. Deckard BSE Indianapolis, IN
Kevin A. Sonn, M.D. Indianapolis, IN
R. Michael Meneghini, M.D. Indianapolis, IN
- 10:53 AM – 10:59 AM **FLOOR DISCUSSION**

- 11:43 AM – 11:48 AM **40. Prior Hip Arthroscopy Impacts Long-Term Outcomes of Total Hip Arthroplasty: A Propensity-Matched Study with a Minimum 10-Year Follow-Up**
 Benjamin G. Domb, M.D. Des Plaines, IL
 Elizabeth G. Walsh, B.S. Des Plaines, IL
 Ady H. Kahana-Rojkind, M.D. Des Plaines, IL
 Tyler R. McCarroll, M.D. Des Plaines, IL
 Drashti Sikligar, MEng Des Plaines, IL
 *Roger Quesada-Jimenez, M.D. Des Plaines, IL
- 11:49 AM – 11:54 AM **41. Surgical Site Fat Thickness is Better Associated with Postoperative Wound and Infection-Related Complications than Body Mass Index Following Total Hip Arthroplasty**
 *Bryant M. Song, M.D. St. Louis, MO
 Syed Adil, M.D. St. Louis, MO
 Andrew Schneider, M.D. St. Louis, MO
 Ilya Bendich, M.D. St. Louis, MO
- 11:55 AM – 12:00 PM **42. Defining Patient-Acceptable Symptom State for HHS, mHHS, FJS, HOOS-JR in Total Hip Arthroplasty at 10 Years**
 Roger Quesada-Jimenez, M.D. Des Plaines, IL
 *Elizabeth G. Walsh, B.S. Des Plaines, IL
 Andrew R. Schab, B.S. Des Plaines, IL
 Benjamin G. Domb, M.D. Des Plaines, IL
- 12:01 PM – 12:06 PM **43. Contemporary Cup-Cage Constructs for Major Acetabular Defects**
 Mark Wu, M.D. Rochester, MN
 *Brett R. Bukowski, M.D. Rochester, MN
 Joel A. Hickman Rochester, MN
 Cory G. Couch, M.D. Rochester, MN
 Nicholas A. Bedard, M.D. Rochester, MN
 David G. Lewallen, M.D. Rochester, MN
 Matthew P. Abdel, M.D. Rochester, MN
- 12:06 AM – 12:15 PM **FLOOR DISCUSSION**

THURSDAY, APRIL 10, 2025
BREAKOUT SESSION #4 | SPORTS/KNEE ARTHROSCOPY
Room: San Antonio I

Co-Moderator: **David L. Bernholt, M.D.**
Germantown, TN

Co-Moderator: ~~**Thomas M. DeBerardino, M.D.**~~
San Antonio, TX

- 10:30 AM – 10:35 AM **44. Influence of Graft Choice on Return to Sport Following Primary Anterior Cruciate Ligament (ACL) Reconstruction in Athletes**
*Elle M. McCormick, BBA Iowa City, IA
Kyle R. Duchman, M.D. Iowa City, IA
Qiang An, MBBS, MPH Iowa City, IA
Natalie A. Glass, Ph.D. Iowa City, IA
Yumeng Gao, M.S. Iowa City, IA
Kyle Geiger, M.D. Iowa City, IA
Jeffrey Fleming, DPT, OCS, ATC, CSCS Iowa City, IA
Steven Leary, M.D. Iowa City, IA
Robert Westermann, M.D. Iowa City, IA
- 10:36 AM – 10:41 AM **45. Increased and Earlier Progression to Total Knee Arthroplasty but Noninferior Anterior Cruciate Ligament Reconstruction Graft Survival in Patients with Systemic Inflammatory Disease: A Propensity Matched Cohort Study**
*Xuankang Pan, B.S. Rochester, MN
Allen S. Wang, M.D. Rochester, MN
Quinn J. Johnson, M.D. Rochester, MN
Sean C. Clark, M.S. Rochester, MN
Christopher L. Camp, M.D. Rochester, MN
Kelechi R. Okorooha, M.D. Rochester, MN
Daniel B.F. Saris, M.D., Ph.D. Rochester, MN
Adam J. Tagliero, M.D. Rochester, MN
Mario Hevesi, M.D. Ph.D. Rochester, MN
Aaron J. Krych, M.D. Rochester, MN
- 10:42 AM – 10:47 AM **46. Impact of Utilizing a Nerve Block in Quadriceps Tendon Autograft ACL Reconstruction on Six-Month Return-to-Sport Strength Testing**
*Seth M. Borchard, MHA Iowa City, IA
Nicholas J. Pitcher, B.S. Iowa City, IA
Elle M McCormick, BBA Iowa City, IA
Robert W. Westermann, M.D. Iowa City, IA
- 10:48 AM – 10:53 AM **47. Revision Anterior Cruciate Ligament Reconstruction: Reasons for Failure**
*Tarik A. Taoufik, B.S. Columbus, OH
Robert A. Magnussen, M.D., M.P.H. Columbus, OH
David C. Flanigan, M.D. Columbus, OH
Parker A. Cavendish, M.D. Columbus, OH
Eric M. Milliron, M.D. Columbus, OH
James C. Kirven, M.D. Columbus, OH
Noah T. Mallory, M.D. Columbus, OH

10:53 AM – 10:59 AM **FLOOR DISCUSSION**

11:00 AM – 11:05 AM	<p>48. Fewer Patients Over 40 Years Old Met Minimal Clinically Important Difference After ACL Reconstruction</p> <p>Michael A. Gaudiani, M.D. Detroit, MI Joshua P. Castle, M.D.. Detroit, MI Brittaney Pratt, B.S Detroit, MI Carter Dunaway, B.S Detroit, MI *Jhamal J. Wallace, B.S. Detroit, MI T. Sean Lynch, M.D. Detroit, MI Vasilios Moutzouros, M.D. Detroit, MI</p>
11:06 AM – 11:11 AM	<p>49. Medial Meniscus Root Repair Failure: Is Age a Factor?</p> <p>*Alexandra C. Stevens, B.S. Columbus, OH Parker A. Cavendish, M.D. Columbus, OH Eric Milliron, M.D. Columbus, OH James Kirven, M.D. Columbus, OH Noah Mallory, M.D. Columbus, OH David Flanigan, M.D. Columbus, OH Robert Magnussen, M.D., MPH Columbus, OH</p>
11:12 AM – 11:17 AM	<p>50. Efficacy of Blood Flow Restriction Therapy After Anterior Cruciate Ligament Reconstruction: A Systematic Review and Meta-Analysis of Randomized Controlled Trials</p> <p>Varun Gopinath, B.S. St. Louis, MO Jose R. Garcia, B.S. Chicago, IL Isabel K. Reid Chicago, IL *Derrick M. Knapik, M.D. St. Louis, MO Nikhil N. Verma Chicago, IL Jorge Chahla, M.D. Ph.D. Chicago, IL</p>
11:18 AM – 11:23 AM	<p>51. Is Posterior Tibial Slope a Predictor of Hamstring Autograft Failure in Primary ACLR</p> <p>*Michael D. Dubé, M.D. Southfield, MI Lafi S. Khalil, M.D. Flint, MI Connor Hoban, M.D. Cleveland, OH Sercan Yalcin, M.D. Boston, MA Mei Li, Ph.D. Cleveland, OH William Zaylor, Ph.D. Cleveland, OH Carl Winalski, M.D. Cleveland, OH Lutul Farrow, M.D. Cleveland, OH Kurt Spindler, M.D. Weston, FL</p>
11:24 AM – 11:29 AM	<p>52. Adolescent Anterior Cruciate Ligament Revision Risk: Influence of Hamstring Autograft Diameter in Primary Reconstruction</p> <p>*Lauren Hyemee Han Columbus, OH Teonna Sharpe Columbus, OH Tyler Barker, Ph.D. Columbus, OH Angela Pedroza, MPH Columbus, OH David Flanigan, M.D. Columbus, OH Christopher Kaeding, M.D. Columbus, OH James Kirven, M.D. Columbus, OH Parker A. Cavendish, M.D. Columbus, OH Eric Milliron, M.D. Columbus, OH Robert Magnussen, M.D. Columbus, OH</p>

11:29 AM – 11:36 AM **FLOOR DISCUSSION**

11:37 AM – 11:42 AM **SPOTLIGHT LECTURE**
Two-Incision ACLR in 2025

David L. Bernholt, M.D.
Germantown, TN

- 11:43 AM – 11:48 AM **53. Return to Sport After Osteochondral Allograft Transplantation: A Systematic Review and Meta-Analysis**
- | | |
|--------------------------|------------------|
| Daniel C. Touhey, M.D. | St. Louis, MO |
| Nikko D. Beady | Johnson City, TN |
| D. Sina Tartibi | Houston, TX |
| Robert H. Brophy, M.D. | St. Louis, MO |
| Matthew J. Matava, M.D. | St. Louis, MO |
| Matthew V. Smith, M.D. | St. Louis, MO |
| *Derrick M. Knapik, M.D. | St. Louis, MO |
- 11:49 AM – 11:54 AM **54. Multi-Ligament Knee Injuries in National Football League Athletes**
- | | |
|-----------------------|-----------|
| *Tyler Kallman, M.D. | Omaha, NE |
| Elizbath Lyden, Ph.D. | Omaha, NE |
| Justin Greiner, M.D. | Omaha, NE |
- 11:55 AM – 12:00 PM **55. Meniscus Root Repairs are More Likely to Fail with Concurrent Focal Medial Condyle Articular Cartilage Defects**
- | | |
|----------------------------|---------------|
| *Matthew D. Benson, B.A. | Iowa City, IA |
| Austin C. Benson, M.D. | Iowa City, IA |
| Benjamin D. Packard, M.D. | Iowa City, IA |
| Steven M. Leary, M.D. | Iowa City, IA |
| Kyle R. Duchman, M.D. | Iowa City, IA |
| Brian R. Wolf, M.D. | Iowa City, IA |
| Robert W. Westermann, M.D. | Iowa City, IA |
- 12:01 PM – 12:06 PM **56. How Successful are Meniscal Repair All-Inside Implants During Deployment?**
- | | |
|------------------------|--------------|
| *Emma L. Flanigan | Columbus, OH |
| Sonu (Kyle) Bae | Columbus, OH |
| Robert Magnussen, M.D. | Columbus, OH |
| Tyler Barker, Ph.D. | Columbus, OH |
| David C. Flanigan | Columbus, OH |

12:06 AM – 12:15 PM **FLOOR DISCUSSION**

Network with Multiview Incorporation

*Lainey G. Bukowiec, M.D. Rochester, MN
Julia Todderud Rochester, MN
Austin F. Grove Rochester, MN
Anish Kanabar, M.S. Rochester, MN
Bardia Khosravi, M.D. Rochester, MN
A. Noelle Larson, M.D. Rochester, MN

11:12 AM – 11:17 AM

63. Associated Urogenital Injuries Following Pelvic Trauma in Pediatrics, a 15-Year Single-Center Retrospective Study

*Colin Van Wagoner, B.S. Auburn Hills, MI
Ehab Saleh, M.D. Royal Oak, MI
Sazid Hasan, M.D. Royal Oak, MI

11:18 AM – 11:23 AM

64. Perioperative Isotretinoin Use and the Risk of Complications in Pediatric Orthopedic Surgery Patients

Kenzie D. Lundqvist, M.D. Akron, OH
*Alyssa Basdavanos, M.D. Torrance, CA
Catherine Hord, B.S. Rootstown, OH
Richard P. Steiner, Ph.D. Akron, OH
Lorena V. Floccari, M.D. Akron, OH

11:24 AM – 11:29 AM

65. Providence Nighttime Bracing as an Effective Alternative to Treating Adolescent Idiopathic Scoliosis

*Kelly A. Jenkins, M.D. Louisville, KY
Kenzie D. Lundqvist, M.D. Akron, OH
Jared B. Hinton, B.S. Rootstown, OH
Richard P. Steiner, Ph.D. Akron, OH
Todd F. Ritzman, M.D. Akron, OH
Lorena V. Floccari, M.D. Akron, OH

11:29 AM – 11:36 AM

FLOOR DISCUSSION

11:37 AM – 11:42 AM

SPOTLIGHT LECTURE

Expanded Recovery After Surgery (ERAS) for Pediatric Spine Deformity

Brian P. Hasley, M.D.
Omaha, NE

11:43 AM – 11:48 AM

66. Image-Guided Injection for Adolescent Spondylolysis Pain

Matthew B. Holloway, M.D. Akron, OH
Colin Rhoads, DO Warrensville Heights, OH
*Jared Hinton, B.S. Akron, OH
Kenzie D. Lundqvist, M.D. Akron, OH
Richard P. Steiner, Ph.D. Akron, OH
Lorena V. Floccari, M.D. Akron, OH

- 11:49 AM – 11:54 AM **67. One-Tenth of the Top 50 Pediatric Orthopedic Hospitals Provide Compliant Price Transparency Information for Common Pediatric Orthopedic Procedures**
- | | |
|------------------------------|---------------|
| *Nicholas G. Belt | Cleveland, OH |
| Austin J. Lee | Cleveland, OH |
| Victoria Nedder | Cleveland, OH |
| Andrew Moyal, M.D. | Cleveland, OH |
| Robert J. Burkhart, IV, M.D. | Cleveland, OH |
| Raymond W. Liu, M.D. | Cleveland, OH |
- 11:55 AM – 12:00 PM **68. Operative vs. Non-Operative Treatment of Z-Type Clavicle Shaft Fractures in Adolescents: A Retrospective Study**
- | | |
|-------------------------|---------------|
| *Iulia Dobrin, B.A. | Rochester, MI |
| Colin Van Wagoner, B.S. | Rochester, MI |
| Ehab Saleh, M.D. | Royal Oak, MI |
- 12:01 PM – 12:06 PM **69. Excision of Talocalcaneal Coalition Resection with Three-Dimensional Navigation**
- | | |
|---------------------------|---------------|
| *Jacob J. Schaefer, M.D. | Rochester, MN |
| Anthony A. Stans, M.D. | Rochester, MN |
| A. Noelle Larson, M.D. | Rochester, MN |
| Todd A. Milbrandt | Rochester, MN |
| Emmanouil Grigoriou, M.D. | Rochester, MN |
- 12:06 AM – 12:15 PM **FLOOR DISCUSSION**

THURSDAY, APRIL 10, 2025 (CONTINUED)

12:15 PM – 1:15 PM **Company-Sponsored lunch/presentation** – Legally Mine (No CME offered)
San Juan

Safeguarding Wealth: Asset Protection and Tax Strategies

Speaker: Daniel J. McNeff
CEO, Legally Mine, LLC

1:30 PM – 2:30 PM **INSTRUCTIONAL COURSE I**
Treating the Patella: From the Cradle to Grave
San Antonio G

Faculty: Leonard T. Buller, M.D. | Indianapolis, IN - Moderator
Timothy S. Brown, M.D. | Houston, TX
Kyle R. Duchman, M.D. | Iowa City, IA
Charles P. Hannon, M.D., MBA | Rochester, MN

1:30 PM – 2:30 PM **INSTRUCTIONAL COURSE II**
Fractures of the Hand and Wrist: Evaluation and Current Treatment
San Antonio H

Faculty: Mark H. Gonzalez M.D., Ph.D. | Chicago, IL - Moderator
Steve I. Grindel, M.D. | Milwaukee, WI
Daniel P. Mass, M.D. | Chicago, IL
Alfonso Mejia, M.D., MPH | Chicago, IL

3:00 PM – 4:15 PM **FACULTY QUIZ BOWL - MARGARITA TRIVIA (Optional)**
Poolside

6:00 PM – 7:30 PM **EXHIBITOR RECEPTION**
San Antonio DEF

FRIDAY, APRIL 11, 2025

SECOND PLENARY SESSION

San Antonio ABC

MODERATOR: **Norman S. Turner, M.D.**
Rochester, MN

7:15 AM – 7:20 AM **Assemble/Announcements**

7:21 AM – 8:01 AM **Symposium II**

Topic: Have You Seen This? Leveraging Technology in Practice

Faculty: *Incorporating AI into Clinical Patient Care*
S. Trent Guthrie, M.D.
Detroit, MI

Mixed Reality Navigation for Shoulder Arthroplasty
Dane Salazar, M.D.
Maywood, IL

From Clavicle to Calcaneus: The Role of 3D Printing
Krystin A. Hidden, M.D.
Rochester, MN

8:02 AM – 8:32 AM

PRESIDENTIAL GUEST SPEAKER

“Stand In The Door:” Life and Leadership Lessons Learned From Airborne Infantry

James P. Stannard, MD
Columbia, MO

Introduced by: **James A. Keeney, MD**
Columbia, MO

8:33 AM – 9:03 AM

Ask the Expert & Open Case Discussions

Topic: **Proximal Femur Fractures**
Room: San Antonio ABC

Faculty: Steven M. Cherney, M.D.
Milwaukee, WI

Mary Kate Erdman, M.D.
Chicago, IL

Justin C. Siebler, M.D.
Omaha, NE

9:04 AM – 9:34 AM

CLASSICS IN ORTHOPAEDICS

Lessons Learned After 30 Years of Hip Surgery

Robert T. Trousdale, MD
Rochester, MN

Introduced by: **James A. Keeney, MD**
Columbia, MO

9:35 AM – 9:45 AM

ABOS Update 2025
Brian R. Wolf, MD, MS
Iowa City, IA

9:45 AM – 10:15 AM

Poster Viewing – presenters will be available (CME credit will be offered)

9:45 AM – 10:15 AM

Coffee Break in Exhibit Hall
San Antonio DEF

FRIDAY, APRIL 11, 2025
BREAKOUT SESSION #6 | SHOULDER & ELBOW
Room: San Antonio ABC

Co-Moderator: **Nicholas H. Maassen, M.D.**
Chicago, IL

Co-Moderator: **Julie Y. Bishop, M.D.**
Columbus, OH

- 10:15 AM – 10:20 AM **70. Optimizing Rotator Cuff Repairs: The Impact of Combined Surgical Techniques on Muscle Force**
*Nirav K. Mungalpara, M.D., MRCS Chicago, IL
Sunjung Kim, Ph.D. New York, NY
Hayden Baker, M.D. Chicago, IL
Cody Lee, M.D. Chicago, IL
Ashish Shakya, M.S. Chicago, IL
Kevin Chen, B.A. Chicago, IL
Nicholas H. Maassen, M.D. Chicago, IL
Aravind Athiviraham, M.D. Chicago, IL
Jason Koh, M.D. Chicago, IL
Bassem Elhassan, M.D. Boston, MA
Farid Amirouche, Ph.D. Chicago, IL
- 10:21 AM – 10:26 AM **71. Incidence and Risk Factors Associated with Anterior Shoulder Pain Following Reverse Total Shoulder Arthroplasty**
*Andrew Nahr, M.D. Memphis, TN
Tori Coble D.O. Memphis, TN
Mary C. Hunter B.A. Memphis, TN
Thomas W. Throckmorton, M.D. Memphis, TN
Tyler Brolin M.D. Memphis, TN
- 10:27 AM – 10:32 AM **72. Outcomes and Survivorship of Reverse Total Shoulder Arthroplasty in Patients Under 60**
*Louis W. Barry, B.S. Columbus, OH
Erryk S. Katayama, B.A. Columbus, OH
John S. Barnett, B.S. Columbus, OH
Akshar V. Patel, B.S. Columbus, OH
Ryan C. Rauck, M.D. Columbus, OH
Julie Y. Bishop, M.D. Columbus, OH
Gregory Cvetanovich, M.D. Columbus, OH
- 10:33 AM – 10:38 AM **73. Long Head of the Biceps Subpectoral Tenodesis Anatomic vs. Traditional Tensioning Technique During Arthroscopic Rotator Cuff Repair: A Randomized Prospective Trial**
Amir M. Boubekri, M.D. Maywood, IL
Krishin Shivdasani, M.D., M.P.H. Maywood, IL
*Thomas Stanila, B.S. Maywood, IL
Andrew Chen, M.D. Maywood, IL
Nickolas Garbis, M.D. Maywood, IL
Dane Salazar, M.D., M.B.A. Maywood, IL

10:38 AM – 10:45 AM **FLOOR DISCUSSION**

10:46 AM – 10:51 AM **74. Outpatient vs. Inpatient Shoulder Arthroplasty Outcomes Using an**

Updated Patient-Selection Algorithm - Minimum Two-Year Follow-Up

*Brenton R. Jennewine, M.D.	Memphis, TN
Anthony J. Marois, M.D.	Memphis, TN
Eric J. West, M.D.	Memphis, TN
Thomas W. Throckmorton, M.D.	Memphis, TN
David L. Bernholt, M.D.	Memphis, TN
Frederick M. Azar, M.D.	Memphis, TN
Tyler J. Brolin, M.D.	Memphis, TN

10:52 AM – 10:57 AM

75. Using Machine and Deep Learning Techniques to Predict Shoulder Injury Severity in High School Football Players

Rohan M. Shah	Chicago, IL
Rushmin Khazanchi	Chicago, IL
Ravi Ameet Patel	Chicago, IL
Connor Workman	Chicago, IL
Vehniah Tjong	Chicago, IL
*Samantha L. Watson, B.S.	Chicago, IL

10:58 AM – 11:03 AM

76. Biocompatibility of the Subacromial Balloon Spacer: An In Vivo Murine Pouch Model Cytokine Analysis

Rishi Chatterji, M.D.	Southfield, MI
*Noah Elagamy, M.D.	Southfield, MI
Adam J. Miller, M.D.	Southfield, MI
Therese Bou-Akl, M.D., Ph.D.	Southfield, MI
Michael T. Fry, M.D.	Southfield, MI
Paula D. Pawlitz	Southfield, MI
David C. Markel, M.D.	Novi, MI
Jason O. Holcomb, M.D.	Southfield, MI

11:04 AM – 11:09 AM

77. The Impact of Infrapinatus Integrity on Outcomes Following Reverse Shoulder Arthroplasty for Massive Rotator Cuff Tears

Tyler J. Brolin, M.D.	Germantown, TN
Robert A. Achilike, M.D.	Germantown, TN
*Derek T. Dixon, B.S.	Germantown, TN
Margaret Knack	Germantown, TN
Thomas W. Throckmorton, M.D.	Germantown, TN

11:10 AM – 11:15 AM

78. Evaluation of Three Arthroscopic Techniques to Evaluate for Posterolateral Rotatory Instability of the Elbow

*Riikka Koso, M.D.	Pittsburgh, PA
Anthony Logli, M.D.	Pittsburgh, PA
Asher Mirvish, B.A.	Pittsburgh, PA
Mark Baratz, M.D.	Pittsburgh, PA

11:15 AM – 11:23 AM

FLOOR DISCUSSION

11:24 AM – 11:29 AM

SPOTLIGHT LECTURE

Pyrocarbon and Shoulder Arthroplasty - What do we know?

Nicholas Maassen
Chicago, IL

11:30 AM – 11:35 AM	79. The Efficacy of Conservative Management for Glenohumeral Osteoarthritis
	Molly M Piper, B.S. Cleveland, OH *Kira L Smith, M.D. Cleveland, OH Margaret A Sinkler, M.D. Cleveland, OH Ethan R Harlow, M.D. Cleveland, OH Raymond E Chen, M.D. Cleveland, OH Robert J Gillespie, M.D. Cleveland, OH
11:36 AM – 11:41 AM	80. Outcomes and Recurrence Rates Following Shoulder Stabilization in Patients with Elevated BMI
	*Brent Henderson, B.A. Columbus, OH Louis W. Barry, B.S. Columbus, OH Benjamin Brej, B.S. Columbus, OH Collin Todd, B.S. Columbus, OH George Matta, B.S. Columbus, OH Erryk Katayama, B.A. Columbus, OH Ryan Rauck, M.D. Columbus, OH Julie Y. Bishop, M.D. Columbus, OH Grant Jones, M.D. Columbus, OH Gregory Cvetanovich, M.D. Columbus, OH
11:42 AM – 11:47 AM	81. Outcomes and Durability of Revision Shoulder Arthroplasty for Instability
	Louis W. Barry, B.S. Columbus, OH *Erryk S. Katayama, B.A. Columbus, OH John S. Barnett, B.S. Columbus, OH Collin Todd, B.S. Columbus, OH Akshar V. Patel, B.S. Columbus, OH Gregory L. Cvetanovich, M.D. Columbus, OH Ryan C. Rauck, M.D. Columbus, OH Julie Y. Bishop, M.D. Columbus, OH
11:48 AM – 11:53 AM	82. The Impact of Gender on Recovery Following Total Shoulder Arthroplasty
	*Thomas G. Stanila, B.S. Maywood, IL Jason Howard, B.S. Maywood, IL Krishin Shivdasani, M.D. MPH Maywood, IL Nickolas Garbis, M.D. Maywood, IL Dane Salazar, M.D. Maywood, IL
11:53 AM – 12:00 PM	FLOOR DISCUSSION

- 10:46 AM – 10:51 AM **87. Short-Term Outcomes Utilizing Custom Total Talus Replacement with Subtalar Arthrodesis for Revision and Complex Total Ankle Arthroplasty**
 *Kevin Joseph Horner, M.D. Columbia, MO
 Kyle Schweser, M.D. Columbia, MO
- 10:52 AM – 10:57 AM **88. Complications Following Arthrodesis vs. Total Ankle Arthroplasty for Primary Ankle Osteoarthritis: A Propensity Matched Analysis of 3,852 Patients**
 *Andrew J. Moyal, M.D. Cleveland, OH
 Jeremy M. Adelstein, M.D. Cleveland, OH
 Robert J. Burkhart, M.D. Cleveland, OH
 Alexander S. Rascoe, M.D. Cleveland, OH
 David C. Kaelber, M.D. Cleveland, OH
 Raymond W Liu, M.D. Cleveland, OH
 Randall E. Marcus, M.D. Cleveland, OH
- 10:58 AM – 11:03 AM **89. Anatomical Structures at Risk and Joint Preparation Effectiveness in Percutaneous First Metatarsophalangeal Fusion with the Shannon Burr: A Cadaveric Study**
 Marc Bernstein, M.S Birmingham, AL
 Tyler Kelly, M.D Birmingham, AL
 *Garrett Jebeles Birmingham AL
 Matthew McCrosson, M.D Birmingham, AL
 Ashish Shah, M.D. Birmingham, AL
- 11:04 AM – 11:09 AM **90. Medial Malleolar Stress Fracture Treatment and Return to Activity: A Systematic Review and Meta-Analysis**
 *Daniel C. Touhey, M.D. St. Louis, MO
 Nikko D. Beady Johnson City, TN
 D. Sina Tartibi Houston, TX
 Robert H. Brophy, M.D. St. Louis, MO
 Matthew J. Matava, M.D. St. Louis, MO
 Matthew V. Smith, M.D. St. Louis, MO
 Derrick M. Knapik, M.D. St. Louis, MO
- 11:10 AM – 11:15 AM **91. Arthroscopic Release and Hindfoot Fusion for the Spastic Equinovarus Foot: An All-inside Technique**
 *Elise M. Grzeskiewicz, M.D. Columbus, OH
 LTC Kevin D. Martin D.O. Columbus, OH
- 11:15 AM – 11:23 AM **FLOOR DISCUSSION**
- 11:24 AM – 11:29 AM **SPOTLIGHT LECTURE**
Getting the Syndesmosis Right, It's More Than Just the Posterior Malleolus

Richard T. Laughlin, M.D.
Cincinnati, OH
- 11:30 AM – 11:35 AM **92. The Impact of Hypothyroidism on Trimalleolar Fracture Outcomes**
 Aaron Singh, B.A. San Antonio, TX
 Travis Kotzur, B.S. San Antonio, TX
 *Lindsey Peng, B.S. San Antonio, TX
 Stephanie Jones, M.D. San Antonio, TX
 Travis Bullock, M.D. San Antonio, TX
 Case Martin, M.D. San Antonio, TX

11:36 AM – 11:41 AM	93. Early Weight-Bearing After Ankle Fractures: Correlation of PROMIS Scores with Functionality
	Marc Bernstein, M.S. Birmingham, AL *Tyler Kelly, M.D. Birmingham, AL Garrett Jebeles Birmingham, AL Dan Zhang Birmingham, AL Ashish Shah, M.D. Birmingham, AL
11:42 AM – 11:47 AM	94. Posterolateral Distal Fibula Plating Leads to Decreased Implant Related Complications and Removal
	Elliot Johns, M.D. Springfield, IL Brian Kurcz, M.D. Cincinnati, OH *Carlos I. Garcia, M.D. Springfield, IL
11:48 AM – 11:53 AM	95. Postoperative Wound Complications After Foot and Ankle Surgery with and without Intraoperative Vancomycin Powder: A Retrospective Cohort Study
	Jamal Ahmad, M.D. Chicago, IL Ryan Lee Chicago, IL *Makenna Isley Peoria, IL Yanal Kawaleet Peoria, IL Nirav Mungalpara, M.D. MRCS Chicago, IL Brett Drake, B.S. Chicago, IL Apurva Swapnill Choubey, M.D. Chicago, IL
11:53 AM – 12:00 PM	FLOOR DISCUSSION

FRIDAY, APRIL 11, 2025
BREAKOUT SESSION #8 | KNEE ARTHROPLASTY
Room: San Antonio G

Co-Moderator: **Christopher F. Deans, M.D.**
Omaha, NE

Co-Moderator: **Michael Huo, M.D.**
Dallas, TX

- 10:15 AM – 10:20 AM **96. UKA to UKA Revisions are 5x More Likely to Fail than UKA to TKA Conversions**
*Diego J. Restrepo, M.D. Rochester, MN
Sergio F. Guarin Perez, M.D. Rochester, MN
Andrew D. Pumford BA Rochester, MN
Nicholas A. Bedard, M.D. Rochester, MN
Charles P. Hannon, M.D., MBA Rochester, MN
Rafael J. Sierra, M.D. Rochester, MN
- 10:21 AM – 10:26 AM **97. Low-Dose Aspirin is the Safest Prophylaxis for Prevention of Venous Thromboembolism After Total Knee Arthroplasty Across All Patient Risk Profiles**
Monish S. Lavu, MHM Cleveland, OH
*Joshua R. Porto, M.S. Cleveland, OH
Christian J. Hecht II, B.S. Cleveland, OH
Alexander J. Acuna, M.D. Chicago, IL
David C. Kaelber, M.D., Ph.D., MPH Cleveland, OH
Javad Parvizi, M.D. FRCS Philadelphia, PA
Atul F. Kamath, M.D., MBA Cleveland, OH
- 10:27 AM – 10:32 AM **98. Elevated Area of Deprivation Index Scores Associated with Increased 90-Day Emergency Department and Hospital Readmissions Following Primary Total Knee Arthroplasty**
*Rana Ahmad, B.S. Chicago, IL
Benjamin Johnson, B.S. Chicago, IL
Allison Soto, B.S. Chicago, IL
Brett Drake, B.S. Chicago, IL
Apurva Choubey, M.D. Chicago, IL
Mark H. Gonzalez, M.D., Ph.D. Chicago, IL
- 10:33 AM – 10:38 AM **99. Epidemiology of Periprosthetic Fracture in 44,527 Primary TKAs Over 50 Years**
*Nicolas A. Selemon, M.D. Rochester, MN
Ahmadreza Nezameslami, M.D. Rochester, MN
Nicholas A. Bedard, M.D. Rochester, MN
Henry D. Clarke, M.D. Phoenix, AZ
Bryan D. Springer, M.D. Jacksonville, FL
Daniel J. Berry, M.D. Rochester, MN
Matthew P. Abdel, M.D. Rochester, MN
Charles P. Hannon, M.D., MBA Rochester, MN
- 10:38 AM – 10:45 AM **FLOOR DISCUSSION**

10:46 AM – 10:51 AM

100. Efficacy of 60-day Percutaneous Peripheral Nerve Stimulation in Reducing Persistent (over one year) Postoperative Pain and Improving Function in Patients Post-Total Knee Arthroplasty: A Randomized Controlled Trial

David M. Dickerson, M.D.	Chicago, IL
Johnathan H. Goree, M.D.	Little Rock, AR
Stuart A. Grant, M.D.	Chapel Hill, NC
Yashar Eshraghi, M.D.	New Orleans, LA
Ravi K. Bashyal, M.D.	Chicago, IL
Jeffrey B. Stambough, M.D.	Little Rock, AR
*Maxim S. Eckmann, M.D.	San Antonio, TX
John E. Gilbert, Ph.D.	Chapel Hill, NC
Amorn Wongsarnpigoon, Ph.D.	Chapel Hill, NC
Joseph W. Boggs, Ph.D.	Chapel Hill, NC

10:52 AM – 10:57 AM

101. Comparative Analysis of Tibial Periprosthetic Fracture Risk in Unicondylar Knee Arthroplasty: Robotic-Assisted vs. Conventional Techniques

Michael Redondo, M.D.	Chicago, IL
Nirav K. Mungalpara, M.D., MRCS	Chicago, IL
*Ye Lin, M.D.	Chicago, IL
Avinash Inabathula, M.D.	Chicago, IL
Hristo Pisonov, M.D.	Chicago, IL
Farid Amirouche, Ph.D.	Chicago, IL

10:58 AM – 11:03 AM

102. RCT of Extended-Release Bupivacaine/Meloxicam vs. Standard Periarticular Injection During Primary TKA

*Harold I. Salmons, M.D.	Rochester, MN
Adam W. Amundson, M.D.	Rochester, MN
Christopher M. Duncan, M.D.	Rochester, MN
Dirk R. Larson, M.S.	Rochester, MN
Benjamin D. Mallinger, B.S.	Rochester, MN
Cory G. Couch, M.D.	Rochester, MN
Mark W. Pagnano, M.D.	Rochester, MN
Robert T. Trousdale, M.D.	Rochester, MN
Matthew P. Abdel, M.D.	Rochester, MN

11:04 AM – 11:09 AM

103. Patient Predictors for Achieving the Centers for Medicare and Medicaid Services (CMS) Defined "Substantial Clinical Benefit" Following Total Knee Arthroplasty (TKA) and Total Hip Arthroplasty (THA)

Phillip C. McKegg, M.S.	Detroit, MI
Hamza Raja, B.S.	Detroit, MI
*Alexander Driessche, M.S.E	Detroit, MI
Trevor North, M.D.	Detroit, MI
Michael Charters, M.D.	Detroit, MI

11:10 AM – 11:15 AM

104. Cemented Robotic-Assisted vs. Manual Total Knee Arthroplasty Outcomes: A Single Center MARCQI-Based Study

*Alexander Ziedas, M.D.	Southfield, MI
Michael Laker, M.D.	Southfield, MI
William Kesto, M.D.	Southfield, MI
Jefferey Michaelson, M.D.	Southfield, MI
David Knesek, M.D.	Southfield, MI
Todd Frush, M.D.	Southfield, MI
David Markel, M.D.	Southfield, MI

11:15 AM – 11:23 AM **FLOOR DISCUSSION**

11:24 AM – 11:29 AM **SPOTLIGHT LECTURE**
Total Hip Replacement in the Geriatric Patients

Michael Huo, M.D.
Dallas, TX

11:30 AM – 11:35 AM **105. Effect of Cannabis and Tobacco Use on Postoperative Outcomes in Total Knee Arthroplasty Patients**

*Mudassir Khan	Rockford, IL
Apurva S. Choubey, M.D.	Chicago, IL
Brett Drake, B.S.	Chicago, IL
Nirav K. Mungalpara, M.D.	Chicago, IL
Yasser Farid, M.D.	Chicago, IL
Mark H. Gonzalez, M.D., Ph.D.	Chicago, IL

11:36 AM – 11:41 AM **106. Manipulation Under Anesthesia with or without Lysis of Adhesions After Primary Total Knee Arthroplasty**

*Justin M. Walsh, M.D.	Houston, TX
Thomas C. Sullivan, B.S.	Houston, TX
Blesson Varghese, B.S.	Houston, TX
Karen L. Hernandez, B.S.	Houston, TX
Stephen J. Incavo, M.D.	Houston, TX
Timothy S. Brown, M.D.	Houston, TX
Kwan J. Park M.D.	Houston, TX

11:42 AM – 11:47 AM **107. Evaluating Post-Surgical Outcomes of Total Knee Arthroplasty with GLP-1 Therapy**

*Nasiruddin Shaik, B.S.	Chicago, IL
Apurva S. Choubey, M.D.	Chicago, IL
Nezar Abunnur, B.S.	Chicago, IL
Mudassir Khan, B.S.	Chicago, IL
Brett Drake, B.S.	Chicago, IL
Jibreel Hussain, MBA	Chicago, IL
Yasser R. Farid, M.D., Ph.D.	Chicago, IL

11:48 AM – 11:53 AM **108. BMI Cutoffs Before Total Knee Arthroplasty**

*Michael W. Seward, M.D.	Rochester, MN
Jessica A. Grimm, M.S.	Rochester, MN
Charles P. Hannon, M.D.	Rochester, MN
Nicholas A. Bedard, M.D.	Rochester, MN
Daniel J. Berry, M.D.	Rochester, MN
Matthew P. Abdel, M.D.	Rochester, MN

11:53 AM – 12:00 PM **FLOOR DISCUSSION**

FRIDAY, APRIL 11, 2025
BREAKOUT SESSION #9 | HIP ARTHROPLASTY
Room: San Antonio H

Co-Moderator: **David G. Lewallen, MD**
Rochester, MN

Co-Moderator: **Jeffrey B. Stambough, MD**
Little Rock, AR

- 10:15 AM – 10:20 AM **109. Outcomes of Direct Anterior Total Hip Arthroplasty in Patients with Preoperative Gluteal Tendinopathy and Tears: A Propensity-Matched Analysis**
- | | |
|-------------------------------|------------------|
| *Samuel S. Rudisill, M.D. | Rochester, MN |
| Sean C. Clark, M.S. | Rochester, MN |
| Christopher V. Nagelli, Ph.D. | Rochester, MN |
| Luke S. Spencer-Gardner, M.D. | Jacksonville, FL |
| Cory G. Couch, M.D. | Rochester, MN |
| Naveen S. Murthy, M.D. | Rochester, MN |
| Michael J. Taunton, M.D. | Rochester, MN |
| Mario Hevesi, M.D., Ph.D. | Rochester, MN |
- 10:21 AM – 10:26 AM **110. Does Head-to-Cup Size Ratio Matter in Preventing Dislocation After Total Hip Arthroplasty?**
- | | |
|--------------------------------|---------------|
| *Jacqueline K. Kobayashi, M.D. | Ann Arbor, MI |
| Zhaorui Wang, M.D. | Ann Arbor, MI |
| Elizabeth A. Klag, M.D. | Ann Arbor, MI |
| Michael M. Kheir, M.D. | Ann Arbor, MI |
- 10:27 AM – 10:32 AM **111. Disparities in Preoperative Weight Loss and Obesity Treatment Before Total Joint Arthroplasty**
- | | |
|--------------------------|---------------|
| Michael W. Seward, M.D. | Rochester, MN |
| Jessica A. Grimm, M.S. | Rochester, MN |
| Nicholas A. Bedard, M.D. | Rochester, MN |
| *Charles P. Hannon, M.D. | Rochester, MN |
| Daniel J. Berry, M.D. | Rochester, MN |
| Matthew P. Abdel, M.D. | Rochester, MN |
- 10:33 AM – 10:38 AM **112. Broach Only THA Using a Short, Uncemented, Fit-and-Fill Stem: Average Five-Year Follow-Up**
- | | |
|----------------------------|------------------|
| John B. Meding, M.D. | Indianapolis, IN |
| *Lindsey K. Meding, M.S. | Indianapolis, IN |
| Evan R. Deckard, B.S.E | Indianapolis, IN |
| Leonard T. Buller, M.D. | Indianapolis, IN |
| R. Michael Meneghini, M.D. | Indianapolis, IN |
- 10:38 AM – 10:45 AM **FLOOR DISCUSSION**

- 10:46 AM – 10:51 AM **113. Economic Analysis of Hip Arthroplasty Reimbursements: Inflation-Adjusted Case Complexity Analysis from 2006-2022**
 Apurva Choubey, M.D. Chicago, IL
 Brett Drake, B.S. Chicago, IL
 *Jibreel Hussain, MBA Chicago, IL
 Nasiruddin Shaik, B.S. Chicago, IL
 Nezar Abunnur, B.S. Chicago, IL
 Nirav K. Mungalpara, M.D. Chicago, IL
 Luke Zabawa, M.D. Chicago, IL
 Yasser Farid, M.D. Chicago, IL
 Mark H. Gonzalez, M.D., Ph.D. Chicago, IL
- 10:52 AM – 10:57 AM **114. A Subhemispheric Acetabular Component is Associated with Increased Dislocation Risk: A Single-Center Retrospective Study**
 Brian T. Darrith, M.D. Detroit, MI
 *Noah Hodson, M.D. Detroit, MI
 Tahsin M. Rahman, M.D. Detroit, MI
 Robb M. Weir, M.D. Detroit, MI
- 10:58 AM – 11:03 AM **115. Slight Varus of Triple-Tapered Femoral Components in Primary THA Leads to Excellent Outcomes**
 *Brian E. Kelley Rochester, MN
 Baochao Ji Rochester, MN
 Nicholas A. Bedard, M.D. Rochester, MN
 Michael J. Taunton, M.D. Rochester, MN
 Mark W. Pagnano, M.D. Rochester, MN
 Matthew P. Abdel, M.D. Rochester, MN
 Charles P. Hannon, M.D., MBA Rochester, MN
- 11:04 AM – 11:09 AM **116. Hybrid Primary Total Hip Arthroplasty Through the Direct Anterior Approach is Not Associated with Increased Complications When Compared to the Posterior Approach: A Matched Cohort Study**
 *Matthew L. Hadley, M.D. Rochester, MN
 Brandon P. McMaster, M.D. Rochester, MN
 Matthew B. Shirley, M.D. Charlotte, NC
 Dirk R. Larson, M.S. Rochester, MN
 Elizabeth Gausden, M.D., MPH New York, NY
 Michael J. Taunton, M.D. Rochester, MN
- 11:10 AM – 11:15 AM **117. Five-Year Incidence of Progression to Osteoarthritis and Total Joint Arthroplasty in Patients Prescribed Glucagon-Like Peptide 1 (GLP-1) Receptor Agonists**
 *Monish S. Lavu, MHM Cleveland, OH
 Joshua R. Porto, M.S. Cleveland, OH
 Christian J. Hecht II, B.S. Cleveland, OH
 David C. Kaelber, M.D., Ph.D., MPH Cleveland, OH
 Peter J. Sculco Cleveland, OH
 Nathanael D. Heckmann, M.D. Los Angeles, CA
 Atul F. Kamath, M.D., MBA Cleveland, OH
- 11:15 AM – 11:23 AM **FLOOR DISCUSSION**

11:24 AM – 11:29 AM

SPOTLIGHT LECTURE

Update on the American Joint Replacement Registry - Opportunities for Young Investigators

David G. Lewallen, M.D.
Rochester, MN

11:30 AM – 11:35 AM

118. Complications After Direct Anterior vs. Posterior Total Hip Arthroplasty: Lower Rates of Instability But No Difference in Reoperation and Resolution: A Multicenter Study

Diego J. Restrepo, M.D.	Rochester, MN
Sergio F. Guarin Perez, M.D.	Rochester, MN
Heather J. Roberts, M.D.	Rochester, MN
Robert T. Trousdale, M.D.	Rochester, MN
*Abraham Babalola	Rochester, MN
Michael J Taunton, M.D.	Rochester, MN
Rafael J. Sierra, M.D.	Rochester, MN
Cameron K. Ledford, M.D.	Jacksonville, FL
Joshua S. Bingham, M.D.	Scottsdale, AZ

11:36 AM – 11:41 AM

119. Robotic-Assistance is Associated with Better Outcomes Compared to Conventional Techniques in Total Hip Arthroplasty: A Propensity-Matched Large Database Study of 7,896 Patients

*Aakash K. Shah	Cleveland, OH
Monish S. Lavu, MHM	Cleveland, OH
Robert J. Burkhart, M.D.	Cleveland, OH
Christian J. Hecht II	Cleveland, OH
Collin Blackburn, M.D., MBA	Cleveland, OH
Nicholas Romeo, DO	Cleveland, OH

11:42 AM – 11:47 AM

120. Surgical Management of Consecutive Prosthetic Hip Joint Infections: Single-Stage vs. Two-Stage Revision Hip Arthroplasty

*Austin M. DeBoer, B.S.	Minneapolis, MN
Nickolas Van Roekel, M.D.	Minneapolis, MN
Travis Parkulo, M.D.	Minneapolis, MN
Gaonhia Moua, B.S.	Minneapolis, MN
Sandy Vang, B.S.	Minneapolis, MN
Scott Marston, M.D.	Minneapolis, MN

11:48 AM – 11:53 AM

121. Does a Previously Failed Debridement, Antibiotics, And Implant Retention or Two-Stage Revision Impact the Success Rate of Subsequent One-Stage or Two-Stage Revision?

*Austin M. DeBoer, B.S.	Minneapolis, MN
Nickolas Van Roekel, M.D.	Minneapolis, MN
Travis Parkulo, M.D.	Minneapolis, MN
Gaonhia Moua, B.S.	Minneapolis, MN
Sandy Vang, B.S.	Minneapolis, MN
Scott Marston, M.D.	Minneapolis, MN

11:53 AM – 12:00 PM

FLOOR DISCUSSION

FRIDAY, APRIL 11, 2025
BREAKOUT SESSION #10 | SPORTS/HIP ARTHROSCOPY
Room: San Antonio I

Co-Moderator: **W. Kelton Vasileff, M.D.**
Columbus, OH

Co-Moderator: **Richard M. Wilk, M.D.**
Boston, MA

- 10:15 AM – 10:20 AM **122. Does the Addition of a Traction Pad Reduce the Rate of Postoperative Pudendal Neuralgia in Hip Arthroscopy: Interim Analysis of a Randomized Controlled Trial**
*Joseph Tanenbaum, M.D., Ph.D Chicago, IL
Richard Nicolay, M.D. Chicago, IL
Hunter Angileri, BA Chicago, IL
Michael Terry, M.D. Chicago, IL
Vehniah Tjong, M.D. Chicago, IL
- 10:21 AM – 10:26 AM **123. Introducing the Reflection Index: A Novel Radiographic Assessment of Cam Morphology in Femoroacetabular Impingement and Predictor of Outcomes Following Hip Arthroscopy with Minimum Two-Year Follow-Up**
*Andrew Paliobeis, M.D. Cleveland, OH
John Strony, M.D. Cleveland, OH
Jason Ina, M.D. Cleveland, OH
Mingda Chen Cleveland, OH
Sunita Mengers, M.D. Cleveland, OH
Molly Piper Cleveland, OH
James Voos, M.D. Cleveland, OH
Michael Salata, M.D. Cleveland, OH
- 10:27 AM – 10:32 AM **124. Long-Term Outcomes of Advanced Arthroscopic Techniques for Patients with Acetabular Retroversion Without Anteverting Periacetabular Osteotomy**
*Megan E. Flynn, M.D. Des Plaines, IL
Yasemin E. Kingham, B.A. Des Plaines, IL
Jessica C. Keane, B.S. Des Plaines, IL
Benjamin G. Domb, M.D. Des Plaines, IL
- 10:33 AM – 10:38 AM **125. Mid-Term Outcomes in Patients Undergoing Primary Hip Arthroscopy Demonstrates Favorable Survivorship Following Central Acetabular Decompression Irrespective of Perifoveal Femoral Head Cartilage Damage**
*Benjamin D. Kuhns, M.D., M.S. Des Plaines, IL
Ady H. Kahana-Rojkind, M.D. Des Plaines, IL
Tyler R. McCarroll, M.D. Des Plaines, IL
Yasemin E. Kingham, BA Des Plaines, IL
Benjamin G. Domb, M.D. Des Plaines, IL
- 10:38 AM – 10:45 AM **FLOOR DISCUSSION**

- 10:46 AM – 10:51 AM **126. Comparative Short-Term Outcomes: Periacetabular Osteotomy with Concomitant Hip Arthroscopy vs. Isolated Hip Arthroscopy with Capsular Plication in Borderline Dysplastic Hips: A Propensity-Matched Study**
 *Roger Quesada-Jimenez, M.D. Des Plaines, IL
 Andrew R. Schab, B.S. Des Plaines, IL
 Jessica C. Keane, B.S. Des Plaines, IL
 Ady H. Kahana-Rojkind, M.D. Des Plaines, IL
 Benjamin G. Domb, M.D. Des Plaines, IL
- 10:52 AM – 10:57 AM **127. Minimum Five-Year Outcomes of Hip Arthroscopy for the Treatment of FAI and Labral Tears in Competitive Soccer Players: A Comprehensive Evaluation with Return-To-Sport Analysis**
 *Andrew R. Schab, B.S. Des Plaines, IL
 Roger Quesada-Jimenez, M.D. Des Plaines, IL
 Matthew J. Strok, BA Des Plaines, IL
 Ady H. Kahana-Rojkind, M.D. Des Plaines, IL
 Benjamin G. Domb, M.D. Des Plaines, IL
- 10:58 AM – 11:03 AM **128. Minimum Two-Year Outcomes of Iliopsoas Tunnel Deepening with Primary Hip Arthroscopy: A Propensity Matched Comparison with Iliopsoas Fractional Lengthening**
 *Andrew R. Schab, B.S. Des Plaines, IL
 Benjamin D. Kuhns, M.D. Des Plaines, IL
 Elizabeth G. Walsh, B.S. Des Plaines, IL
 Roger Quesada-Jimenez, M.D. Des Plaines, IL
 Ady H. Kahana-Rojkind, M.D. Des Plaines, IL
 Benjamin G. Domb, M.D. Des Plaines, IL
- 11:04 AM – 11:09 AM **129. Mid-Term Outcomes of Patients with Concomitant Painful External Snapping Hip and Femoroacetabular Impingement Syndromes: A Minimum Five-Year Follow-Up Study**
 Roger Quesada-Jimenez, M.D. Des Plaines, IL
 *Drashti Sikligar, MEng Des Plaines, IL
 Andrew R. Schab, B.S. Des Plaines, IL
 Ady H. Kahana-Rojkind, M.D. Des Plaines, IL
 Benjamin G. Domb, M.D. Des Plaines, IL
- 11:10 AM – 11:15 AM **130. A Multi-Center Analysis of Three Decades of Hip Arthroscopy: Evolving Techniques and Growing Patient Volumes from 1988 - 2022**
 *Ryan T. Conyer, M.D. Rochester, MN
 Emmett J. Cleary, M.D. Rochester, MN
 Allen S. Wang, M.S. Rochester, MN
 Alex M. Boos, B.S. Rochester, MN
 Matthew M. Crowe, M.D. Jacksonville, FL
 Kostas J. Economopoulos, M.D. Phoenix, AZ
 Aaron J. Krych, M.D. Rochester, MN
 Bruce A. Levy, M.D. Rochester, MN
 Mario Hevesi, M.D., Ph.D. Rochester, MN
- 11:15 AM – 11:23 AM **FLOOR DISCUSSION**

11:24 AM – 11:29 AM

SPOTLIGHT LECTURE

Long Arc Perspective on Hip Arthroscopy

Richard M. Wilk, M.D.
Boston, MA

11:30 AM – 11:35 AM

131. Surgical Management of Ischiofemoral Impingement Leads to Satisfactory Results: A Case Series of 12 Hips with a Mean 8-Year Follow-Up

*Brandon P. McMaster, M.D.	Rochester, MN
Sean C. Clark, M.S.	Rochester, MN
Xuankang Pan, B.S.	Rochester, MN
Louis S. Kang, B.S.	Rochester, MN
Sanathan Iyer, B.S.	Rochester, MN
Gavin H. Ward, B.S.	Rochester, MN
Rafael J. Sierra, M.D.	Rochester, MN
Aaron J. Krych, M.D.	Rochester, MN
Mario Hevesi, M.D.	Rochester, MN

11:36 AM – 11:41 AM

132. Labral Revision Reconstruction in the Hip: Minimum Two-Year Outcomes with a Nested Propensity-Matched Control

*Ady H. Kahana-Rojkind, M.D.	Des Plaines, IL
Yasemin E. Kingham, BA	Des Plaines, IL
Jessica C. Keane, B.S.	Des Plaines, IL
Roger Quesada-Jimenez, M.D.	Des Plaines, IL
Onur Hapa, M.D.	Des Plaines, IL
Benjamin G. Domb, M.D.	Des Plaines, IL

11:42 AM – 11:47 AM

133. Recovery from Hip Arthroscopy for Femoroacetabular Impingement : A Qualitative Study of Patients' Experiences

Marcia Edwards PsyD	Columbus OH
Tyler Barker Ph.D.	Columbus OH
*W. Kelton Vasileff, M.D.	Columbus OH

11:48 AM – 11:53 AM

134. Iliopsoas Fractional Lengthening After Total Hip Arthroplasty: A Multicenter Study

*Kevin Jurgensmeier, M.D.	Rochester, MN
Karissa N. Simon, B.S.	Rochester, MN
Michael Vogel B.S.	Chicago, IL
Michael J. Taunton, M.D.	Rochester, MN
Bruce A. Levy, M.D.	Rochester, MN
Shane J. Nho, M.D. MS	Chicago, IL
Mario Hevesi M.D., Ph.D.	Rochester, MN

11:53 AM – 12:00 PM

FLOOR DISCUSSION

FRIDAY, APRIL 11, 2025
BREAKOUT SESSION #11 | HAND & WRIST
Room: San Juan

Co-Moderator: **David M. Brogan, M.D.**
St. Louis, MO

Co-Moderator: **Joseph A. Morgan, M.D.**
Omaha, NE

- 10:15 AM – 10:20 AM **135. Impact of Antibiotic Stewardship on Flexor Tenosynovitis Length of Stay**
*Joel W Mayo, M.S. Chicago, IL
Apurva S Choubey, M.D. Chicago, IL
Brett Drake, B.S. Chicago, IL
Bhavik Patel, M.D. Chicago, IL
Gautam Malhotra, M.D. Chicago, IL
- 10:21 AM – 10:26 AM **136. The Use of the Procedure Room for High-Risk Patients Undergoing WALANT Hand Surgery**
*Jordan C. Serotte, M.D. Chicago, IL
Kevin Chen, B.S. Chicago, IL
Jennifer Wolf, M.D. Ph.D. Chicago, IL
Megan Conti Mica, M.D. Chicago, IL
- 10:27 AM – 10:32 AM **137. Cubital Tunnel Syndrome and Bariatric Surgery: Impact On Surgical Outcomes and Care Strategies**
Brett Drake, B.S. Chicago, IL
Apurva Choubey, M.D. Chicago, IL
*Vennela Challagondla, B.S., MPH Chicago, IL
Nirav Mungalpara, M.D. Chicago, IL
Mark H. Gonzalez, M.D., Ph.D. Chicago, IL
- 10:33 AM – 10:38 AM **138. Double Crush Hypothesis: Exploring the Impact of Pre-Existing Cervical Radiculopathy on the Development of Carpal Tunnel Syndrome After Distal Radius Fractures**
Nirav K. Mungalpara, M.D. Chicago, IL
Logan P. Van Poucke Chicago, IL
Victoria Marino Chicago, IL
Abhishek Deshpande, M.D. Chicago, IL
Brett Drake, B.S. Chicago, IL
Apurva S. Choubey, M.D. Chicago, IL
Alfonso Mejia, M.D., MPH Chicago, IL
Daniel P. Mass, M.D. Chicago, IL
*Mark H. Gonzalez, M.D., Ph.D. Chicago, IL

10:38 AM – 10:45 AM **FLOOR DISCUSSION**

Radius Fractures

*Nirav K. Mungalpara, M.D., MRCS	Chicago, IL
Logan Van Poucke, B.S.	Chicago, IL
Brett Drake, B.S.	Chicago, IL
Apurva Choubey, M.D.	Chicago, IL
Gautam Malhotra, M.D.	Chicago, IL
Daniel Mass, M.D.	Chicago, IL
Alfonso Mejia, M.D.	Chicago, IL
Mark H. Gonzalez, M.D., Ph.D.	Chicago, IL

11:42 AM – 11:47 AM

146. Antibiotic Prescription Practices in Revision Finger Amputations

*Olivia J. Thomas, M.D.	Omaha, NE
Thomas D. Clare, B.S.	Omaha, NE
Joseph A. Morgan, M.D.	Omaha, NE

11:48 AM – 11:53 AM

147. Revision A1 Pulley Release: An Assessment of Risk Factors Using a National Database

*Douglas J. Weaver, M.D.	Chicago, IL
Jennifer Lewis	Chicago, IL
Walaa Abdelfadeel, M.D.	Chicago, IL
Jason Strelzow, M.D.	Chicago, IL
Jennifer Wolf, M.D. Ph.D.	Chicago, IL

11:53 AM – 12:00 PM

FLOOR DISCUSSION

FRIDAY, APRIL 11, 2025 (CONTINUED)

STEEL MEMORIAL LECTURE

San Antonio ABC

6:30 PM – 6:35 PM **MAOA Presidential “changing of the guard” Ceremony**

6:35 PM – 6:40 PM **Introduction of Steel Memorial Lecturer**
Introduced by: **James A. Keeney, MD**
Columbia, MO

6:40 PM – 7:30 PM **STEEL MEMORIAL LECTURE**
Change Starts with You

Sam Acho
Dallas, TX

7:30 PM – 10:00 PM **DINNER**
San Saba & Esparza Lawn

SATURDAY, APRIL 12, 2025

6:45 AM – 7:45 AM **INSTRUCTIONAL COURSE III**
Sports Patellofemoral 2025: Current Issues and Algorithms
San Antonio G

Faculty: David C. Flanigan, M.D. | Columbus, OH - Moderator
Jay P. Shah, M.D. | Irving, TX
Matthew A. Tao, M.D. | Omaha, NE
Marc Tompkins, M.D. | Minneapolis, MN

6:45 AM – 7:45 AM **INSTRUCTIONAL COURSE IV**
Common Approaches to Nonunion and Bone Loss, and When to Consider Transport
San Antonio H

Faculty: Brett D. Crist, M.D., FACS | Columbia, MO - Moderator
Daniel Bravin, M.D. | Springfield, MO
Kyle Schweser, M.D. | Columbia, MO
Joel Williams, M.D. | Chicago, IL

THIRD PLENARY SESSION

San Antonio ABC

MODERATOR: **Brent L. Norris, M.D.**
Tulsa, OK

8:00 AM – 8:05 AM

Assemble/Announcements

8:06 AM – 8:26 AM

AAOS Report

Annunziato Amendola, MD

President, American Academy of Orthopaedic Surgeons

Introduced by: **James A. Keeney, MD**
Columbia, MO

8:27 AM – 9:07 AM

Symposium III

Topic: Practice Transitions – Challenges and Change

Faculty:

Moving On and Moving Forward: Early and Mid-Career Job Transitions

Glenn D. Wera, M.D.

Avon, OH

Taking a Break

Muyibat Adelani, M.D.

St. Louis, MO

Retirement – It's a Process

Bernard N. Stulberg, M.D.

Shaker Heights, OH

9:08 AM – 9:38 AM

RAPP LECTURE

Joint Preservation Strategies in Acute Trauma Around the Hip—Going Beyond Just Getting the Fracture Right

Brett D. Crist, MD, FACS

Columbia, MO

Introduced by: **James A. Keeney, MD**
Columbia, MO

Presentation of MAOA Poster Awards

9:45 AM – 10:30 AM

9th Annual Resident Quiz Bowl – Dr. Curtis Hartman

10:30 AM – 11:00 AM

Coffee Break in Exhibit Hall

San Antonio DEF

- 12:04 PM – 12:09 PM **156. Effects of Gut Microbiome Diversity on Postoperative Complications in Polytrauma Patients**
Mubinah I. Khaleel, D.O. Columbia, MO
Aaron Conrad Ericsson, Ph.D.. Columbia, MO
James P. Stannard, M.D. Columbia, MO
Mauricio Kfuri, M.D. Columbia, MO
Gregory J. Della Rocca, M.D., Ph.D.. Columbia, MO
*Brett D. Crist, M.D., FACS Columbia, MO
Kyle Schweser, M.D. Columbia, MO
- 12:10 PM – 12:15 PM **157. Evaluating Acute Complication Risk After Lower Extremity Fracture Fixation Using Stratified Lactate Levels**
*Robert J. Burkhart, M.D. Cleveland, OH
Andrew Moyal, M.D. Cleveland, OH
Jeremy M. Adelstein, M.D. Cleveland, OH
Ryan J. Furdock, M.D. Cleveland, OH
Raymond W. Liu, M.D. Cleveland, OH
Joshua K. Napora, M.D. Cleveland, OH
- 12:16 PM – 12:21 PM **158. Essential Amino Acid, Conditionally Essential Amino Acid, and Branched Chain Amino Acid Supplementation in Orthopedic Surgery: A Systematic Review of Randomized Clinical Trials**
Elizabeth Brown, M.D. Little Rock, AR
*Samantha Mohler, M.D. Little Rock, AR
Shiloah Kviatkovsky, Ph.D., CISSN Little Rock, AR
J. Ryan Hill, M.D. Little Rock, AR
Jeffrey Stambough, M.D. Little Rock, AR
Paul Inclan, M.D. Little Rock, AR
- 12:22 PM – 12:27 PM **159. The Role of a Multidisciplinary Approach to Opioid Reduction for Patients with Operatively Treated Upper Extremity Fractures**
*Jack H. Drake Madison, WI
Nathan Poli Madison, WI
Grant Keith Madison, WI
Gabrielle Kuhn, M.D. Madison, WI
Samuel Mosiman Madison, WI
Kristoffer T. Sladky, MPH Madison, WI
- 12:27 PM – 12:32 PM **FLOOR DISCUSSION**
- 12:33 PM – 12:38 PM **160. Femoral Head Fractures: Can We Change Outcomes?**
Samuel C. Marshall Oklahoma City, OK
Caleb Bischoff Columbia, MO
Emily Leary Columbia, MO
*Brett D. Crist, M.D., FACS Columbia, MO
North American Femoral Head Fracture Consortium

12:39 PM – 12:44 PM

161. Postoperative Periprosthetic Humerus Fractures After Shoulder Arthroplasty: What Are the Outcomes After Nonoperative Treatment?

*Kristin E. Yu, M.D.	Rochester, MN
Christopher M. Hart, M.D.	Rochester, MN
Ankur Khanna, B.S.	Rochester, MN
Tristan B. Weir, M.D.	Rochester, MN
Jonathan D. Barlow, M.D.	Rochester, MN
Mark E. Morrey, M.D.	Rochester, MN
John W. Sperling, M.D.	Rochester, MN
Joaquin Sanchez-Sotelo, M.D.	Rochester, MN
Jennifer Tangtiphaiboonatana, M.D.	Rochester, MN

12:45 PM – 12:50 PM

162. Analysis of Albumin Levels as a Continuous Variable on Postoperative Outcomes Following Total Joint Arthroplasty

Siddhartha Dandamudi B.B.A.	Chicago, IL
Enrico Forlenza M.D.	Chicago, IL
*Harmanjeet Singh B.A.	Chicago, IL
Jonathan H Shaw M.D.	Chicago, IL
Brett R Levine, M.D., M.S.	Chicago, IL

12:51 PM – 12:56 PM

163. Do Patients with Pre-Existing Psychiatric Diagnoses Experience Increased Rates of Postoperative Complications Following Pelvic Fracture Surgery?

Amber Park, B.S.	Knoxville, TN
Phillip C. McKegg, M.S.	Baltimore, MD
*David May, M.S.E.	New Orleans, LA
William Brigode, M.D.	Chicago, IL
Joel Williams, M.D.	Chicago, IL

12:56 PM – 1:00 PM

FLOOR DISCUSSION

SATURDAY, APRIL 12, 2025
BREAKOUT SESSION #13 | SHOULDER & ELBOW/ TOPICS IN TRAINING
Room: San Antonio G

Co-Moderator: **Alexander Aleem, M.D.**
St. Louis, MO

Co-Moderator: **Julie Y. Bishop, M.D.**
Columbus, OH

- 11:00 AM – 11:05 AM **164. Dexamethasone Decreases Opioid Consumption Up to Three Months After Rotator Cuff Repair**
- | | |
|----------------------------|-------------|
| *Johnny Kasto, M.D. | Detroit, MI |
| Trevor Wolterink, B.S. | Detroit, MI |
| Joshua P. Castle, M.D. | Detroit, MI |
| Michael A. Gaudiani, M.D. | Detroit, MI |
| Alexander Jurayj, B.A. | Detroit, MI |
| Christian Freitag, B.S. | Detroit, MI |
| Nathan Li, B.S. | Detroit, MI |
| Julio Nerys-Figueroa, B.S. | Detroit, MI |
| Jared Mahylis, M.D. | Detroit, MI |
| Stephanie J. Muh, M.D. | Detroit, MI |
- 11:06 AM – 11:11 AM **165. Factors Impacting Hospital Charges of Rotator Cuff Repair**
- | | |
|---------------------------|-----------------|
| *Aaron Singh | San Antonio, TX |
| Travis Kotzur | San Antonio, TX |
| Blaire Peterson | San Antonio, TX |
| Jordan Carter, M.D. | San Antonio, TX |
| Ralph Zachary Garza, M.D. | San Antonio, TX |
| Christina Brady, M.D. | San Antonio, TX |
- 11:12 AM – 11:17 AM **166. Evaluating the Impact of Virtual Reality Training on Orthopedic Surgery Skills: A Focus on Femoral Neck Fracture Fixation**
- | | |
|-------------------------------|-------------|
| Brett Segobiano, B.S. | Chicago, IL |
| Julia Nascimben, B.S. | Chicago, IL |
| *Joel W. Mayo, M.S. | Chicago, IL |
| Brett Drake, B.S. | Chicago, IL |
| Apurva Choubey, M.D. | Chicago, IL |
| Nirav K. Mungalpara, M.D. | Chicago, IL |
| Joseph Karam, M.D. | Chicago, IL |
| Mark H. Gonzalez, M.D., Ph.D. | Chicago, IL |
- 11:18 AM – 11:23 AM **167. Preparing for a Subspecialty Sub-Internship: A Lecture Series Preparing Medical Students for Rotations in Orthopedic Subspecialties**
- | | |
|------------------------------|-------------|
| Tanios Dagher, B.S.E | Chicago, IL |
| *Jose Markland-Sanchez, B.S. | Chicago, IL |
| Tessa Balach, M.D. | Chicago, IL |
- 11:23 AM – 11:28 AM **FLOOR DISCUSSION**

- 11:29 AM – 11:34 AM **168. Association Between Medical School Ranking and 2020-2022 Orthopedic Surgery Residency Match Outcomes**
 *Justin Perry Providence, RI
 Virginia Y. Xie Los Angeles, CA
 Richard Glebocki Providence, RI
 Ron A. Navarro, M.D., FAAOS Los Angeles, CA
 Lisa K. Cannada, M.D. Jacksonville, FL
- 11:35 AM – 11:40 AM **169. Impact of Transitioning to a Level I Trauma Center on Orthopaedic Surgical Volume and Resident Education: A Retrospective Analysis**
 *Darlington C. Nwaudu, M.D. Chicago, IL
 Solomon Egbe, B.A. Chicago, IL
 Audrey Litvak, B.A. Chicago, IL
 Jason A. Strelzow, M.D. Chicago, IL
- 11:41 AM – 11:46 AM **170. Knot-Tying Proficiency Among Surgical Trainees Improved with Utilization of Video Education and Fundamentals of Arthroscopic Surgical Training (FAST) Workstation**
 Hassan Farooq, M.D. Maywood, IL
 Krishin Shivdasani, M.D., M.P.H. Maywood, IL
 Joshua Anderson, M.S. Maywood, IL
 *Andrew Gaetano, B.S. Maywood, IL
 Andrew Chen, M.D. Maywood, IL
 Dane Salazar, M.D., M.B.A. Maywood, IL
 Nickolas Garbis, M.D. Maywood, IL
- 11:47 AM – 11:52 AM **171. Can Flexed Elbow Valgus External Rotation (FEVER) View MRI Eliminate the Need for an MR Arthrogram or Dynamic Stress Ultrasound in Athletes with Ulnar Collateral Ligament Injuries of the Elbow? A Prospective Study of Professional and Varsity Athletes**
 *H. Parker Stride, M.D. Chicago, IL
 Vehniah Tjong, M.D. Chicago, IL
 Mark Plantz, M.D. Chicago, IL
 Stephen M. Gryzlo, M.D. Chicago, IL
- 11:52 AM – 11:57 AM **FLOOR DISCUSSION**
- 11:58 AM – 12:03 PM **SPOTLIGHT LECTURE**
Three Things I Wish My Program Director Had Told Me in Residency
Alexander W. Aleem, M.D.
St. Louis, MO
- 12:04 PM – 12:09 PM **172. Complete Elbow Ankylosis Secondary to Heterotopic Ossification: Operative Management Leads to Fair to Excellent Long-Term Outcomes**
 Krishin Shivdasani, M.D., M.P.H. Maywood, IL
 Michael Scheidt, M.D. Maywood, IL
 Stanley Liu, M.A. Maywood, IL
 Amir Boubekri, M.D. Maywood, IL
 Andrew Chen, M.D. Maywood, IL
 Nickolas Garbis, M.D. Maywood, IL
 Dane Salazar, M.D., M.B.A. Maywood, IL
 *Andrew Gaetano, B.S. Maywood, IL

12:10 PM – 12:15 PM	<p>173. Do Patients Really Understand the Orthopedic Resident Role at a Teaching Hospital?</p> <p>*Abdulai T Bangura, M.D. Columbia, MO Lasun O. Oladeji, M.D., Ph.D. Columbia MO Jeffton Pierre, B.S. Columbia, MO Steven F. DeFroda, M.D., MEng Columbia, MO</p>
12:16 PM – 12:21 PM	<p>174. Two Years into Preference Signaling: Evolving Trends in the Orthopedic Surgery Match</p> <p>Tanios Dagher, B.S.E. Chicago, IL *S. Trent Guthrie, M.D. Detroit, MI Jodi Essey-Stapleton, M.S., M.E.d. Des Plaines, IL Tessa Balach, M.D. Des Plaines, IL</p>
12:22 PM – 12:27 PM	<p>175. Can Twitter Be the Ultimate Equalizer? A Four-Year Analysis of #OrthoTwitter Use During Match Week</p> <p>Desiree Ojo, MPH, MPA, D.O. Philadelphia, PA Geoffrey Deckard, MBA San Antonio, TX Brandon Rust, B.S. Fort Lauderdale, FL Omar Guerrero, B.S. Mesa, AZ Jalen Warren, B.S. Columbus, OH Michael Megafu, MPH, D.O. Hartford, CT *Brook Willett, B.S. San Antonio, TX Davis Hedbany, MPH San Luis Obispo, CA Morgan Turnow, D.O. Columbus, OH</p>
12:27 PM – 12:32 PM	FLOOR DISCUSSION
12:33 PM – 12:38 PM	<p>176. Instagram Engagement Helps Increase Residency Applicant Interest in Orthopedic Surgery</p> <p>Vidhatri Raturi, M.S. New Orleans, LA *Meredith J. Benson Maywood, IL Elizabeth Cho, M.D. Maywood, IL Chista R. Irani, B.S. New Orleans, LA Mia V. Rumps, M.S. Maywood, IL Mary K. Mulcahey, M.D. Maywood, IL</p>
12:39 PM – 12:44 PM	<p>177. A Non-Opioid Multimodal Pain Protocol Achieves Equivalent Pain Control After Total Shoulder Arthroplasty: A Randomized-Controlled Trial</p> <p>*Joshua Castle, M.D. Detroit, MI Johnny Kasto, M.D. Detroit, MI Hardy Evans, M.D. Detroit, MI Despina Tsitlakidou, B.S. Detroit, MI Ryan Sanii, M.D. Detroit, MI Eric Jiang, M.D. Detroit, MI Stephanie Muh, M.D. Detroit, MI</p>

12:45 PM – 12:50 PM

178. Evaluating If ChatGPT Can Answer Common Patient Questions Regarding Rotator Cuff Tears

Alexander Jurayj, B.A.	Detroit, MI
Julio Nerys-Figueroa, B.S.	Detroit, MI
*Emil Espinal, M.D.	Detroit, MI
Michael Gaudiani, M.D.	Detroit, MI
Travis Baes, M.D.	Detroit, MI
Jared Mahylis, M.D.	Detroit, MI
Stephanie Muh, M.D.	Detroit, MI

12:51 PM – 12:56 PM

179. Arthroscopic Bankart vs. Open Latarjet Procedure: Recurrence Rates and Functional Outcomes in Shoulder Instability Management

Collin P. Todd, B.S.	Columbus, OH
George Matta, B.S.	Columbus, OH
Erryk Katayama, BA	Columbus, OH
Louis W. Barry, B.S.	Columbus, OH
*Benjamin Brej, B.S.	Columbus, OH
Brent Henderson, BA	Columbus, OH
Ryan C. Rauck, M.D.	Columbus, OH
Gregory Cvetanovich, M.D.	Columbus, OH
Grant Jones, M.D.	Columbus, OH
Julie Y. Bishop, M.D.	Columbus, OH

12:56 PM – 1:00 PM

FLOOR DISCUSSION

SATURDAY, APRIL 12, 2025

BREAKOUT SESSION #14 | KNEE ARTHROPLASTY, PRACTICE MANAGEMENT, MISCELLANEOUS

Room: San Antonio H

Co-Moderator: **Charles P. Hannon, M.D.**
Rochester, MN

Co-Moderator: **David C. Markel, M.D.**
Novi, MI

- 11:00 AM – 11:05 AM **180. Primary Total Knee Arthroplasty Using a Cementless Highly Porous Titanium Tibial Baseplate: a Minimum 10-Year Follow-up**
Michael Stoltz, M.D. Louisville, KY
Maunil Mullick, B.S. Louisville, KY
*Erik Van Eperen, M.D. Louisville, KY
Langan Smith, B.S. Louisville, KY
Madhusudhan Yakkanti, M.D. Louisville, KY
Arthur Malkani, M.D. Louisville, KY
- 11:06 AM – 11:11 AM **181. Impact of Disease-Modifying Anti-Rheumatic Drug Use on Total Knee Arthroplasty Outcomes in Patients with Inflammatory Arthritides**
*Travis Kotzur, B.S. San Antonio, TX
Aaron Singh, BA San Antonio, TX
Blair Peterson, B.S. San Antonio, TX
Casey McDonald, M.D. San Antonio, TX
Chance Moore, M.D. San Antonio, TX
Frank Buttacavoli, M.D. San Antonio, TX
- 11:12 AM – 11:17 AM **182. Obesity is Associated with Greater Improvement in Patient-Reported Outcomes Following Revision TKA**
*Austin Darden, B.S. Indianapolis, IN
Leonard T. Buller, M.D. Indianapolis, IN
Kevin A. Sonn, M.D. Indianapolis, IN
Evan R. Deckard, B.S.E Indianapolis, IN
R. Michael Meneghini, M.D. Indianapolis, IN
- 11:18 AM – 11:23 AM **183. PROMs and Pain in Cemented vs. Cementless Primary TKA: A Matched Cohort Analysis**
*Julian E. Dilley, M.D. Indianapolis, IN
Leonard T. Buller, M.D. Indianapolis, IN
Evan R. Deckard, B.S.E Indianapolis, IN
R. Michael Meneghini, M.D. Indianapolis, IN
- 11:23 AM – 11:28 AM **FLOOR DISCUSSION**
- 11:29 AM – 11:34 AM **184. The Impact of Diabetic Neuropathy on Total Knee Arthroplasty Outcomes**
Blair Peterson, B.S. San Antonio, TX
*Travis Kotzur, B.S. San Antonio, TX
Aaron Singh, BA San Antonio, TX
John Parker, M.D. San Antonio, TX
Frank Buttacavoli, M.D. San Antonio, TX
Chance Moore, M.D. San Antonio, TX

- 11:35 AM – 11:40 AM **185. Importance of an Integrated Practice Unit for the Reduction of Body Mass Index Prior to Total Joint Arthroplasty**
 *Ayane Rossano, M.D. Austin, TX
 Stephanie Price, M.D. Austin, TX
 Chizitam Ibezim, M.D. Austin, TX
 Sina Ramtin, M.D. Austin, TX
 Amanda Hayes, M.D. Austin, TX
 Kevin Bozic, M.D. Austin, TX
 Karl Koenig, M.D. Austin, TX
- 11:41 AM – 11:46 AM **186. Neutral Mechanical Alignment in TKA Elevates Lateral Collateral Ligament Strain: A Cadaveric Study**
 *Joseph Kitchen, M.D. Louisville, KY
 Jarod Richards, M.D. Louisville, KY
 John Powers, B.S. Louisville, KY
 Peter Quesada, Ph.D. Louisville, KY
 Arthur Malkani, M.D. Louisville, KY
- 11:47 AM – 11:52 AM **187. Implant Costs for Revision Hip and Knee Arthroplasty Account for More than a Quarter of Hospital Reimbursement**
 Alexandria Smith, M.D. Little Rock, AR
 *Simon Mears, M.D. Gainesville, FL
 C. Lowry Barnes, M.D. Little Rock, AR
 Jeffrey Stambough, M.D. Little Rock, AR
 Benjamin Stronach, M.D. Little Rock, AR
- 11:52 AM – 11:57 AM **FLOOR DISCUSSION**
- 11:58 AM – 12:03 PM **SPOTLIGHT LECTURE**
Irrigation Solutions in TJA: Science and Current Trends

David C. Markel, M.D.
Novi, MI
- 12:04 PM – 12:09 PM **188. Outcomes of Regional Block in Revision Total Joint Arthroplasty for Prosthetic Joint Infection**
 *Ashley Treanor, B.S. Maywood, IL
 Michelle Shimizu, B.S. Maywood, IL
 Athena Barrett, B.S. Maywood, IL
 Scott Byram, M.D. Maywood, IL
 Daniel Schmitt, M.D. Maywood, IL
 Nicholas M. Brown, M.D. Maywood, IL
 Harold W. Rees, M.D. Maywood, IL
- 12:10 PM – 12:15 PM **189. Coding Patterns and Implications on Reimbursement in Foot and Ankle Surgery**
 *Ryan G. Rogero, M.D. Memphis, TN
 Carson M. Rider, M.D. Memphis, TN
 Benjamin J. Gear, M.D. Memphis, TN
 David R. Richardson, M.D. Memphis, TN
 Garnett A. Murphy, M.D. Memphis, TN
 Clayton C. Bettin, M.D. Memphis, TN

- 12:16 PM – 12:21 PM **190. Utility of Radiographs Following Primary Anatomic and Reverse Total Shoulder Arthroplasty**
- | | |
|---------------------------|-------------|
| David H. Jung, B.A. | Chicago, IL |
| *Vincent Buckman, B.S. | Chicago, IL |
| Nicholas A. Carola, B.S. | Hamden, CT |
| Darlington Nwaudo, M.D. | Chicago, IL |
| Nicholas H. Maassen, M.D. | Chicago, IL |
| Lewis L. Shi, M.D. | Chicago, IL |
- 12:22 PM – 12:27 PM **191. Patient Demographics, Marital Status, Smoking Status, and Injury Characteristics are Predictors to No-Show in Orthopedic Trauma Clinic**
- | | |
|---------------------------|-------------|
| *Michelle Hertzberg, M.D. | Detroit, MI |
| Hamza M Raja, B.S. | Detroit, MI |
| Christian Freitag, B.S. | Detroit, MI |
| Alexa Bernard, B.S. | Detroit, MI |
| Husain Rasheed, B.S. | Detroit, MI |
| Eric Jiang, M.D. | Detroit, MI |
| Lindsay Maier, M.D. | Detroit, MI |
| Joseph Hoegler, M.D. | Detroit, MI |
| S. Trent Guthrie, M.D. | Detroit, MI |
| William Hakeos, M.D. | Detroit, MI |
- 12:27 PM – 12:32 PM **FLOOR DISCUSSION**
- 12:33 PM – 12:38 PM **192. Reverse Shoulder Arthroplasty for Proximal Humerus Fractures and Reverse Shoulder Arthroplasty for Elective Indications Should Have Separate Current Procedural Terminology (CPT) Codes**
- | | |
|----------------------------------|-------------|
| Amir M. Boubekri, M.D. | Maywood, IL |
| William Oetojo, B.A. | Maywood, IL |
| Michael Scheidt, M.D. | Maywood, IL |
| Krishin Shivdasani, M.D., M.P.H. | Maywood, IL |
| Andrew Chen, M.D. | Maywood, IL |
| *Nickolas Garbis, M.D. | Maywood, IL |
| Dane Salazar, M.D., M.B.A. | Maywood, IL |
- 12:39 PM – 12:44 PM **193. The Conversion of UKA to TKA with Robotic Assistance: A Novel Surgical Technique and Case Series**
- | | |
|---------------------------|-------------|
| Hamza Raja, B.S. | Detroit, MI |
| Noah Hodson, M.D. | Detroit, MI |
| Michael A. Charters, M.D. | Detroit, MI |
| Wayne T. North, M.D. | Detroit, MI |
| *Obed Barkus, M.D. | Detroit, MI |

12:45 PM – 12:50 PM

194. The Impact of Unilateral Transfemoral Amputation on Lumbar Bone and Muscle Quality

Hannah A. Levy, M.D.	Rochester, MN
*Caden Messer, B.S.	Rochester, MN
Andrew Pumford, BA	Rochester, MN
Brian Kelley, B.S.	Rochester, MN
Ahmad Nassr, M.D.	Rochester, MN
Brett Freedman, M.D.	Rochester, MN
Melvin Helgeson, M.D.	Rochester, MN
Matthew Houdek, M.D.	Rochester, MN
Fantley Smither, M.D.	Rochester, MN
Brian Karamian, M.D.	Salt Lake City, UT
Arjun Sebastian, M.D.	Rochester, MN

12:51 PM – 12:56 PM

195. Smoking Cessation Success - Is Total Joint Arthroplasty a Powerful Motivator?

*Mary E. Hennekes, M.D.	Detroit, MI
Hamza M. Raja, B.S.	Detroit, MI
Aaron Pang, M.D.	Detroit, MI
Husain Rasheed, B.S.	Ann Arbor, MI
Brian Darrith, M.D.	Richmond, VA
W. Trevor North, M.D.	Detroit, MI
Michael Charters, M.D.	Detroit, MI

12:56 PM – 1:00 PM

FLOOR DISCUSSION

11:35 AM – 11:40 AM	<p>201. Trends and Epidemiology in Revision Total Hip Arthroplasty: A Large Database Study</p> <p>Conor M. Jones, M.D. Chicago, IL *Alexander J. Acuña, M.D. Chicago, IL Enrico M. Forlenza, M.D. Chicago, IL Kyleen Jan, M.D. Chicago, IL Craig J. Della Valle, M.D. Chicago, IL</p>
11:41 AM – 11:46 AM	<p>202. Osteochondral Allograft and Autograft Transplantation for Femoral Head Defects: A Multicenter Study with a Mean Five-Year Follow-Up</p> <p>*Jason G. Ina, M.D. Rochester, MN Christopher V. Nagelli, Ph.D. Rochester, MN Sean C. Clark, M.S. Rochester, MN Anthony DeNovio, M.D. Rochester, MN Louis S. Kang, B.S. Rochester, MN Sanathan Iyer, B.S. Rochester, MN Kostas J. Economopoulos, M.D. Rochester, MN Mario Hevesi, M.D., Ph.D. Rochester, MN Rafael J. Sierra, M.D. Rochester, MN Aaron J. Krych, M.D. Rochester, MN</p>
11:47 AM – 11:52 AM	<p>203. Results of Hip Decompression in Steinberg 3 and 4 Hips with Segmental Collapse</p> <p>Diego J. Restrepo, M.D. Rochester, MN Sergio F. Guarin Perez, M.D. Rochester, MN *John-Rudolph H. Smith, M.D. Rochester, MN Rafael J. Sierra, M.D. Rochester, MN</p>
11:52 AM – 11:57 AM	FLOOR DISCUSSION
11:58 AM – 12:03 PM	<p>SPOTLIGHT LECTURE</p> <p><i>3 Things That Are Moving Hip Preservation Forward</i></p> <p>Joel C. Williams, M.D. Chicago, IL</p>
12:04 PM – 12:09 PM	<p>204. Substantial Loss of Skeletal Muscle Mass Occurs Early After Hip Preservation Surgery</p> <p>*Irving Delgado-Arellanes, B.S. Iowa City, IA Robert Westermann, M.D. Iowa City, IA John Davison, M.D. Iowa City, IA Natalie Glass, Ph.D. Iowa City, IA Courtney Seffker, PA-C Iowa City, IA Gretchen Jones, B.S. Iowa City, IA Steele McCulley, B.S. Iowa City, IA Jenna Jensen, B.S.N, RN Iowa City, IA Ashley Kochuyt, B.S. Iowa City, IA Michael C. Willey, M.D. Iowa City, IA</p>

- 12:10 PM – 12:15 PM **205. Rotational Femoral Osteotomy to Treat Abnormal Femoral Version**
 *Steele McCulley, B.S. Iowa City, IA
 Robert Westermann, M.D. Iowa City, IA
 Courtney Seffker, PA-C Iowa City, IA
 Jenna Jensen, RN Iowa City, IA
 Joshua Hockman Iowa City, IA
 Ashley Kochuyt, B.S. Iowa City, IA
 Michael Willey, M.D. Iowa City, IA
- 12:16 PM – 12:21 PM **206. Outpatient Periacetabular Osteotomy: Common Clinical Fact or Insurance Fiction?**
 Sean C. Clark, M.S. Rochester, MN
 *Brandon C. Cabarcas, M.D. Rochester, MN
 Jason G. Ina, M.D. Rochester, MN
 Louis S. Kang, B.S. Rochester, MN
 Gavin H. Ward, B.S. Rochester, MN
 Sanathan Iyer, B.S. Rochester, MN
 Karen Gomez-Ruiz, PA-C Rochester, MN
 Robert T. Trousdale, M.D. Rochester, MN
 Rafael J. Sierra, M.D. Rochester, MN
 Mario Hevesi, M.D. Rochester, MN
- 12:22 PM – 12:27 PM **207. Patient Personality Influences Early Satisfaction After Primary Total Joint Hip and Knee Arthroplasty**
 Mary Ziemba-Davis, B.A. Indianapolis, IN
 Jared A. Zanolta, B.S. Indianapolis, IN
 Kevin A. Sonn, M.D. Indianapolis, IN
 *Leonard T. Buller, M.D. Indianapolis, IN
- 12:27 PM – 12:32 PM **FLOOR DISCUSSION**
- 12:33 PM – 12:38 PM **208. Patient Perspective on Robotic-Assisted Total Joint Arthroplasty**
 *Siddhartha Dandamudi, BBA Chicago, IL
 Kyleen Jan, M.D. Chicago, IL
 Madelyn Malvitz, B.S. Chicago, IL
 Aditya Yadav, B.S. Chicago, IL
 Anne DeBenedetti, MSc Chicago, IL
 Omar Behery, M.D., MPH Chicago, IL
 Brett R. Levine, M.D., M.S. Chicago, IL
- 12:39 PM – 12:44 PM **209. Assessing the Impact of a Transitional Care Program Following Inpatient Admission After Lower Extremity Arthroplasty**
 *Mackenzie A. Neumaier, M.D. Houston, TX
 Thomas C. Sullivan, B.S. Houston, TX
 Katherine E. Schriener, PA-C Houston, TX
 Sade P. Kelly, RN Houston, TX
 Timothy S. Brown, M.D. Houston, TX
 Kwan J. Park, M.D. Houston, TX

12:45 PM – 12:50 PM

210. Patient Personality Influences Preoperative Expectations Before Primary Total Hip and Knee Arthroplasty

*Jared A. Zanolta, B.S. Indianapolis, IN
Mary Ziemba-Davis, B.A. Indianapolis, IN
Kevin A. Sonn, M.D. Indianapolis, IN
Leonard T. Buller, M.D. Indianapolis, IN

12:51 PM – 12:56 PM

211. A Survey of Communication Preferences of Total Joint Arthroplasty Patients

Siddhartha Dandamudi, B.B.A. Chicago, IL
Kyleen Jan, M.D. Chicago, IL
*Ajay Potluri, B.S. Chicago, IL
Anne DeBenedetti, M.S.c Chicago, IL
Omar Behery, M.D., M.P.H. Chicago, IL
Brett R Levine, M.D., M.S. Chicago, IL

12:56 PM – 1:00 PM

FLOOR DISCUSSION

SATURDAY, APRIL 12, 2025
BREAKOUT SESSION #16 | ONCOLOGY & SPINE
Room: San Miguel

Co-Moderator: **David B. Bumpass, M.D.**
Little Rock, AR

Co-Moderator: **Ian English, M.D.**
St. Louis, MO

- 11:00 AM – 11:05 AM **212. The Impact of Hemipelvectomy and Hip Disarticulation on Lumbar Bone and Muscle Quality**
- | | |
|------------------------|--------------------|
| *Hannah A. Levy, MD | Rochester, MN |
| Caden Messer, B.S. | Rochester, MN |
| Sarah Padilla | Rochester, MN |
| Bradford Currier, M.D. | San Diego, CA |
| Ahmad Nassr, M.D. | Rochester, MN |
| Brett Freedman, M.D. | Rochester, MN |
| Melvin Helgeson, M.D. | Rochester, MN |
| Matthew Houdek, M.D. | Rochester, MN |
| Fantley Smither, M.D. | Rochester, MN |
| Brian Karamian, M.D. | Salt Lake City, UT |
| Arjun Sebastian, M.D. | Rochester, MN |
- 11:06 AM – 11:11 AM **213. Osteosarcoma of the Scapula: A Review of 36 Cases from a Single Institution**
- | | |
|-----------------------------|---------------|
| *Leilani Garayua-Cruz, B.S. | Rochester, MN |
| Samuel E. Broida, M.D. | Rochester, MN |
| Steven Robinson, M.D. | Rochester, MN |
| Scott Okuno, M.D. | Rochester, MN |
| Peter S. Rose, M.D. | Rochester, MN |
| Matthew T. Houdek, M.D. | Rochester, MN |
- 11:12 AM – 11:17 AM **214. Low Utility of Pet CT in Staging of Extremity Synovial Sarcoma**
- | | |
|----------------------------|---------------|
| *Samuel E. Broida, M.D. | Rochester, MN |
| Leilani Garayua-Cruz, M.D. | Rochester, MN |
| Peter S. Rose, M.D. | Rochester, MN |
| Matthew T. Houdek, M.D. | Rochester, MN |
- 11:18 AM – 11:23 AM **215. Rotationplasty as an Effective Limb Salvage Option in the Adult Population**
- | | |
|-----------------------------|---------------|
| *Mikaela H. Sullivan, M.D. | Rochester, MN |
| Alexandra M. Arguello, M.D. | Rochester, MN |
| Stephen A. Sems, M.D. | Rochester, MN |
| Matthew T. Houdek, M.D. | Rochester, MN |
- 11:23 AM – 11:28 AM **FLOOR DISCUSSION**

11:29 AM – 11:34 AM	<p>216. A Multidisciplinary Protocol for Decreasing Door Openings in Elective Spine Surgery Operating Rooms</p> <p>*Parker Chrisler, B.S. Madison, WI Rachael Tolsma, M.D. Madison, WI Seth Williams, M.D. Madison, WI Paul S. Whiting, M.D. Madison, WI</p>
11:35 AM – 11:40 AM	<p>217. Multi-Disciplinary Care Pathway for High-Risk Scoliosis Patients</p> <p>*Kenzie D. Lundqvist, M.D. Akron, OH Michael T. Bigham, M.D., MBA Akron, OH Matthew B. Holloway, M.D. Akron, OH Richard P. Steiner, Ph.D. Akron, OH Todd F. Ritzman, M.D. Akron, OH Lorena V. Floccari, M.D. Akron, OH</p>
11:41 AM – 11:46 AM	<p>218. How Long Can You Go? Estimating Blood Loss in AIS Surgery with Patient and Surgeon Specific Calculator</p> <p>*Anne Boeckmann, BESS Fort Worth, TX Lydia Klinkerman, B.S. Dallas, TX David Thornberg, B.S. Fort Worth, TX Amy L. McIntosh, M.D. Dallas, TX</p>
11:47 AM – 11:52 AM	<p>219. Correlation of 3D Spinal Parameters to Pulmonary Function Tests in Adolescent Idiopathic Scoliosis</p> <p>Omolola Fakunle, M.D. Cleveland, OH Kenzie D. Lundqvist, M.D. Akron, OH Alexandria Rundell, B.S. Akron, OH Richard P. Steiner, Ph.D. Akron, OH Todd F. Ritzman, M.D. Akron, OH *Lorena V. Floccari, M.D. Akron, OH</p>
11:52 AM – 11:57 AM	FLOOR DISCUSSION
11:58 AM – 12:03 PM	<p>SPOTLIGHT LECTURE</p> <p><i>The Most Important Goals of Spine Deformity Correction</i></p> <p>David B. Bumpass, M.D. Little Rock, AR</p>
12:04 PM – 12:09 PM	<p>220. New-Onset Psychiatric Diagnoses and Implications After Surgery for Adolescent Idiopathic Scoliosis: A National Cohort Analysis</p> <p>Andrew J. Moyal, M.D. Cleveland, OH Jeremy Adelstein, M.D. Cleveland, OH *Logan Good, M.D. Cleveland, OH Robert J. Burkhart, IV, M.D. Cleveland, OH Nate Cuttica, BA Cleveland, OH Bhargavi Maheshwer, M.D. Cleveland, OH Christina K. Hardesty, M.D. Cleveland, OH Michael P. Glotzbecker, M.D. Cleveland, OH Raymond W. Liu, M.D. Cleveland, OH</p>

- 12:10 PM – 12:15 PM **221. CT-Guided Aspiration Limits Reoperation, Improves Neurologic Symptoms in Patients Who Develop Acute Postoperative Seromas Following Spine Surgery**
 *Ryder R.R. Reed, M.D. Rochester, MN
 Tyler Allen, M.D. Rochester, MN
 Andrew Pumford Rochester, MN
 Hannah Levy, M.D. Rochester, MN
 Brett A. Freedman, M.D. Rochester, MN
 Ahmad N. Nassr, M.D. Rochester, MN
 Arjun S. Sebastian, M.D. Rochester, MN
 Benjamin Elder, M.D. Rochester, MN
- 12:16 PM – 12:21 PM **222. The Prevalence of Congenital Cervical Stenosis Differs Based on Race**
 *Sia Cho, B.A. Chicago, IL
 Freddy Jacome, B.S. Chicago, IL
 Jason Tegethoff, M.D. Chicago, IL
 Justin J. Lee, M.S. Chicago, IL
 David M. Hiltzik, M.D. Chicago, IL
 Srikanth N. Divi, M.D. Chicago, IL
 Alpesh A. Patel, M.D. Chicago, IL
 Wellington Hsu, M.D. Chicago, IL
- 12:22 PM – 12:27 PM **223. Social Vulnerability Index Influences Healthcare Utilization and Persistent Opioid Use After Lumbar Decompression Procedures**
 Mark A. Plantz, M.D. Chicago, IL
 *Tyler Compton, M.D. Chicago, IL
 Erik B. Gerlach, M.D. Chicago, IL
 Jason Tegethoff, M.D. Chicago, IL
 Henry Hilow, M.D. Chicago, IL
 Srikanth Divi, M.D. Chicago, IL
 Wellington K. Hsu, M.D. Chicago, IL
 Alpesh A. Patel, M.D., MBA Chicago, IL
- 12:27 PM – 12:32 PM **FLOOR DISCUSSION**
- 12:33 PM – 12:38 PM **224. Lumbar Facet Arthroplasty: An Analysis Comparing Two-Year Outcomes from a Prospective Randomized Clinical Trial Among Patients with Unstable vs. Stable Spondylolisthesis**
 *Kristin A. Keith, D.O. Temple, TX
 Roland Kent, M.D. Post Falls, ID
- 12:39 PM – 12:44 PM **225. Patient-Reported Outcomes, Radiographic Results, and Complication Data Following 3- and 4-level ACDF: A Systematic Review**
 *Ravi Ameet Patel, B.A. Chicago, IL
 Rohan M. Shah, B.A. Chicago, IL
 Jacob Robert Staub, B.S. Chicago, IL
 Anitesh Bajaj, B.S. Chicago, IL
 Abhinav Reddy Balu, B.S. Chicago, IL
 Mark A. Plantz, M.D. Chicago, IL
 Tyler M. Compton, M.D. Chicago, IL
 Srikanth Divi, M.D. Chicago, IL
- 12:45 PM – 12:50 PM **226. Examining the Relationship Between Pyramidal Signs, Patient**

Symptoms, and the Modified Japanese Orthopedic Association (mJOA) Score in Patients with Cervical Spondylotic Myelopathy

*Aakash K. Shah	Cleveland, OH
Seth Meade	Cleveland, OH
Lauren Boden, M.D.	Cleveland, OH
William Sheppard, M.D.	Cleveland, OH
Michael Steinmetz, M.D.	Cleveland, OH
Thomas Mroz, M.D.	Cleveland, OH

12:51 PM – 12:56 PM

227. Risk Factors for Total Hip Arthroplasty Following Lumbar Fusion Surgery: A Large Propensity Matched Study

*Joshua M. Wiener, B.S.	Cleveland, OH
Parshva A. Sanghvi, B.S.	Cleveland, OH
Seth M. Meade B.S.E.	Cleveland, OH
Nicolas R. Thompson M.S.	Cleveland, OH
Michael D. Shost M.D.	Cleveland, OH
Thomas Mroz M.D.	Cleveland, OH
Michael P. Steinmetz M.D.	Cleveland, OH

12:56 PM – 1:00 PM

FLOOR DISCUSSION

- 11:29 AM – 11:34 AM **232. Equivalent Early Outcomes After Rotator Cuff Repair Can Be Achieved in Patients with Lower Shoulder-Specific Health Literacy**
 *Tanner Poppe, M.D. Memphis, TN
 Eric West, M.D. Memphis, TN
 Andrew Nahr, M.D. Memphis, TN
 Tyler J. Brolin, M.D. Memphis, TN
 Fred Azar, M.D. Memphis, TN
 Thomas W. Throckmorton, M.D. Memphis, TN
 Jeff Murphy Memphis, TN
 David L. Bernholt, M.D. Memphis, TN
- 11:35 AM – 11:40 AM **233. NBA Combine Scores as a Predictive Measure of Lower Limb Surgery Over Ten Consecutive Seasons (2010-2020): A Retrospective Review**
 Ravi Ameet Patel, B.A. Chicago, IL
 Rohan M. Shah, B.A. Chicago, IL
 *Michael O. Sohn, B.S. Chicago, IL
 Tyler M. Hauer, M.D. Toronto, Canada
 Michael A. Terry, M.D. Chicago, IL
 Vehniah Tjong, M.D. Chicago, IL
- 11:41 AM – 11:46 AM **234. Lower Socioeconomic Status is Correlated with Worse Outcomes After Arthroscopic Rotator Cuff Repair**
 Nicholas Daher, B.S. Detroit, MI
 Julio Nerys-Figueroa, B.S. Detroit, MI
 Taylor Timoteo, D.O. Detroit, MI
 *Cassandra Keinath, M.D. Detroit, MI
 Alexander Jurayj, B.A. Detroit, MI
 Aghdas Movassaghi, B.S. Detroit, MI
 Jared Mahylis, M.D. Detroit, MI
 Stephanie Muh, M.D. Detroit, MI
- 11:47 AM – 11:52 AM **235. A High Percentage of Healthy Volunteers Fail to Pass Criteria-Based Return-to-Sport Testing for Arthroscopic Bankart Repair**
 *Audria Wood, M.P.H. Birmingham, AL
 Mathew Hargreaves, B.S. Birmingham, AL
 Nick Manfredi, B.S. Birmingham, AL
 Katie Higgins Pyrz, B.S. Birmingham, AL
 Eugene W. Brabston, M.D. Birmingham, AL
 Aaron J. Casp, M.D. Birmingham, AL
 Thomas Evely, D.O. Birmingham, AL
 Michael Bagwell, P.T., D.P.T. Birmingham, AL
 Kevin E. Wilk, P.T., D.P.T. Birmingham, AL
 Amit M. Momaya, M.D. Birmingham, AL

11:52 AM – 11:57 AM **FLOOR DISCUSSION**

11:58 AM – 12:03 PM **SPOTLIGHT LECTURE**

James P. Stannard, M.D.
Columbia, MO

- 12:04 PM – 12:09 PM **236. The Association Between Body Mass Index, Age and Severity of Musculoskeletal Injuries Sustained During High School Contact Sports: A 15-Year Epidemiological Study**
*Pranav Bajaj, B.A. Chicago, IL
Connor Workman, B.S. Chicago, IL
Hunter Angileri, B.S. Chicago, IL
Samantha Watson, B.A. Chicago, IL
Sia Cho, B.A. Chicago, IL
Joseph Tanenbaum, Ph.D. Chicago, IL
Christy Collins, Ph.D. Indianapolis, IN
Vehniah Tjong, M.D. Chicago, IL
- 12:10 PM – 12:15 PM **237. Lower Socioeconomic Status is Associated with Delay to Surgery Before Anterior Cruciate Ligament Reconstruction**
Michael Gaudiani, M.D. Detroit, MI
Brittaney Pratt, B.S. Detroit, MI
Joshua P. Castle, M.D. Detroit, MI
*Muhammad Abbas, M.D. Detroit, MI
Marquisha Myles, B.S. Detroit, MI
Nicolas Daher, B.S. Detroit, MI
Jhamal J. Wallace, B.S. Detroit, MI
T. Sean Lynch, M.D. Detroit, MI
Vasilios Moutzouros, M.D. Detroit, MI
- 12:16 PM – 12:21 PM **238. Effect of the 'FIFA 11+ Kids' Neuromuscular Training Program on Physical Performance in Preadolescent Female Soccer Players**
Alysa Birnbrich, M.D. Houston, TX
Brendan Holderread, M.D. Houston, TX
Roxanne Miller Houston, TX
Jordan Ankersen, Ph.D. Houston, TX
*Bradley Lambert, Ph.D. Houston, TX
Shari Liberman, M.D. Houston, TX
- 12:22 PM – 12:27 PM **239. Dangerous Games: A National Cross-Sectional Study of Pediatric Sport-Related Fractures**
Connor Fritz Houston, TX
Taylor Rakauskas, B.S. Boca Raton, FL
Nikhil Gattu Houston, TX
*Garrett Flynn Boca Raton, FL
Safa Herfat San Francisco, CA
Meir Marmor San Francisco, CA
- 12:27 PM – 12:32 PM **FLOOR DISCUSSION**
- 12:33 PM – 12:38 PM **240. Anterior Cruciate Ligament Injuries in National Football League Players from 2012-2022: A Descriptive Epidemiology Study**
*Ashwin R. Garlapaty, B.S. Columbia, MO

Morgan Kluge, B.S.	Columbia, MO
Rown Parola, M.D.	Columbia, MO
Quin Blankenship, B.S.	Columbia, MO
Abdoulie Njai, M.D.	Columbia, MO
James T. Stannard, M.D.	Columbia, MO
Caleb Bischoff, D.O.	Columbia, MO
James L. Cook, DVM, Ph.D.	Columbia, MO
Steven DeFroda, M.D.	Columbia, MO
Clayton Nuelle, M.D.	Columbia, MO

12:39 PM – 12:44 PM

241. Bridging the Gap: Utilizing Porcine Stifle Joints for Enhanced Understanding of Human Knee Mechanics and Treatment

Nirav K. Mungalpara, M.D., MRCS	Chicago, IL
*Cadence F. Lee, AB, ScM	Chicago, IL
Yvon M. Bogdonoff, B.S.	Chicago, IL
Jared M. Rubin, BA	Chicago, IL
Mark Hutchinson, M.D.	Chicago, IL
Farid Amirouche, Ph.D.	Chicago, IL
Jason Koh, M.D.	Chicago, IL

12:45 PM – 12:50 PM

242. Early Specialization in Youth Sports is Associated with Hip Pain and Surgical Treatment in College-Age Athletes

Elle M. McCormick, BBA	Iowa City, IA
Natalie A. Glass, Ph.D.	Iowa City, IA
Robert W. Westermann, M.D.	Iowa City, IA
Alisa Drapeaux, Ph.D.	Des Moines, IA
Jessica E. Goetz, Ph.D.	Iowa City, IA
Courtney Seffker, PA-C	Iowa City, IA
Ashley Kochuyt, B.S.	Iowa City, IA
John Davison, M.D., MPH	Iowa City, IA
*Michael C. Willey, M.D.	Iowa City, IA

12:51 PM – 12:56 PM

243. Predictors of Matrix-Induced Autologous Chondrocyte Implantation (MACI) Following Articular Cartilage Biopsy

*Zachary C. Paragas, B.A.	Columbus, OH
David C. Flanigan, M.D.	Columbus, OH
Robert Magnussen M.D., MPH	Columbus, OH
Tyler Barker, Ph.D.	Columbus, OH
Parker A. Cavendish, M.D.	Columbus, OH
Eric Milliron, M.D.	Columbus, OH
James Kirven, M.D.	Columbus, OH
Noah Mallory, M.D.	Columbus, OH

12:56 PM – 1:00 PM

FLOOR DISCUSSION