

MID-AMERICA ORTHOPAEDIC ASSOCIATION

Poster Presentations – 2024 Annual Meeting

- Posters will be located in the CALUSA FOYER of the Hyatt Regency Coconut Point Resort
- Presenters will be available for discussion and questions at the following times. CME credit is given for poster viewing at these times only:
 - Posters 1 – 42 Thursday, April 11, 2024 10:00-10:30 AM
 - Posters 43 – 80 Friday, April 12, 2024 10:15-10:45 AM

KNEE ARTHROPLASTY (#18 posters)

- 1. Validation of a Classification System for Appropriate Use of Debridement, Antibiotics, and Implant Retention in Periprosthetic Knee Infection: A Retrospective Review**
Joyee Tseng, M.S. Chicago, IL
Victoria Oladipo, M.D. Rochester, MN
Conor Jones, M.D. Chicago, IL
*Brett R. Levine, M.D., M.S. Chicago, IL
- 2. Surgical Start Time as a Predictor of Postoperative Length of Stay and Morbidity in Elective Total Knee Arthroplasty**
*Michael J. Patetta, M.D. Chicago, IL
Abhishek Deshpande, M.D. Chicago, IL
Matthew Siegel, M.D. Chicago, IL
Elan Volchenko, M.D. Chicago, IL
Apurva S. Choubey, M.D. Chicago, IL
Brett A. Drake, B.S. Chicago, IL
Lucas Paladino, M.D. Chicago, IL
Asher E. Lichtig, M.D. Chicago, IL
Ye Lin, M.D. Chicago, IL
Timothy Bullock, M.D. Chicago, IL
Mark H. Gonzalez, M.D., Ph.D. Chicago, IL
- 3. Intraosseous vs. Intravenous Vancomycin in Tourniquetless Primary Total Knee Arthroplasty - A Prospective, Randomized Controlled Trial**
*Austin E. Winingar, M.D. Houston, TX
Pradyumna Gurusamy, M.D. Houston, TX
Thomas C. Sullivan, B.S. Houston, TX
Stefano Serpelloni, Ph.D. Houston, TX
Francesca Taraballi, Ph.D. Houston, TX
Timothy S. Brown, M.D. Houston, TX

4. Synovial Barium and Zirconium Ions are Promising Markers for Aseptic Loosening

*Aleksander P. Mika, M.D.	Nashville, TN
Charles Crellin, M.D.	Billings, MT
Jacob Wilson, M.D.	Nashville, TN
Stephen Engstrom, M.D.	Nashville, TN
Gregory G. Polkowski, M.D.	Nashville, TN
J. Ryan Martin, M.D.	Nashville, TN

5. Assessing TKA Alignment: Accurate and Adjustable Annotation using Artificial Intelligence

*Aleksander P. Mika, M.D.	Nashville, TN
Yehyun Suh	Nashville, TN
Daniel Moyer, Ph.D.	Nashville, TN
Jacob Wilson, M.D.	Nashville, TN
Stephen Engstrom, M.D.	Nashville, TN
Gregory G. Polkowski, M.D.	Nashville, TN
J. Ryan Martin, M.D.	Nashville, TN

6. Preoperative Weight Loss Before Total Knee Arthroplasty Does Not Improve Postoperative Risks

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

7. Total Knee Replacement or Open Reduction and Internal Fixation for Geriatric Distal Femur Fractures

*Travis M. Kotzur, B.S.	San Antonio, TX
Aaron Singh, B.A.	San Antonio, TX
Blaire Peterson, B.S.	San Antonio, TX
William Young, M.D.	San Antonio, TX
Ali Seifi, M.D., FACP, FNCS, FCCM	San Antonio, TX
Chance Moore, M.D.	San Antonio, TX

8. Unicompartmental Knee Arthroplasty in Octogenarians: An Analysis of 733 Patients with 2-Year Follow-Up

*Alexander J. Acuña, M.D.	Chicago, IL
Enrico M. Forlenza, M.D.	Chicago, IL
Joseph Serino III, M.D.	Chicago, IL
Vince K. Morgan, M.D.	Chicago, IL
COL. (ret) Tad L. Gerlinger, M.D., FAAOS	Chicago, IL
Craig J. Della Valle, M.D.	Chicago, IL

Poster position #9 deleted

Poster position #10 deleted

11. Mid-Term Survivorship and Patient Outcomes of 1,306 Conforming Bearings in Modern Primary TKA

*Sohum K. Patel, 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

12. Biofilm Formation is Durably Prevented on Pre-Fabricated Antibiotic Cement Spacer Designed to Increase Antibiotic Elution Compared to Cobalt Chrome and Polyethylene

Shota Higashihira, M.D.	Indianapolis, IN
Stefanie J Simpson, B.S.	Indianapolis, IN
Christopher J Arnold, B.S.	Indianapolis, IN
Evan R. Deckard, B.S.E.	Indianapolis, IN
R. Michael Meneghini, M.D.	Indianapolis, IN
Edward M Greenfield, Ph.D.	Indianapolis, IN
*Leonard T. Buller, M.D.	Indianapolis, IN

13. No Difference in Postoperative Complications Between Simultaneous and Staged, Bilateral Unicompartmental Knee Arthroplasty

*Enrico M. Forlenza, M.D.	Chicago, IL
Joseph Serino, III, M.D.	Chicago, IL
Craig J. Della Valle, M.D.	Chicago, IL
Denis Nam, M.D., M.Sc.	Chicago, IL

14. Assessing the Reproducibility of Database Studies in Total Joint Arthroplasty

Ayobami S Ogunsonla, M.D., M.P.H.	Iowa City, IA
*Michael C Marinier, M.D.	Iowa City, IA
Jacob M Elkins, M.D., Ph.D.	Iowa City, IA

15. Does Satisfaction After Total Knee Arthroplasty Change with Patient Age?

*Parker L. Brush, M.D.	Springfield, IL
Adrian Santana, B.S.	Springfield, IL
Eleanor Jenkins, B.S.	Springfield, IL
D. Gordon Allan, M.D.	Springfield, IL
Arjun Saxena, M.D.	Springfield, IL

16. Is the Rise of Medicare Advantage Impacting the Fidelity of Traditional Medicare Claims Data?

Implications for AJRR Reporting of Long-Term TKA Survivorship

*Xiao Chen, M.D.	Rochester, MN
Amy E. Glasgow, M.H.A.	Rochester, MN
Elizabeth B. Haberman, Ph.D., M.P.H.	Rochester, MN
Nathanael D. Heckmann, M.D.	Los Angeles, CA
John J. Callaghan, M.D.	Iowa City, IA
David G. Lewallen, M.D.	Rochester, MN
Daniel J. Berry, M.D.	Rochester, MN
Nicholas A. Bedard, M.D.	Rochester, MN

17. Considering Mobility Status and Home Environment in a Comparison of Readmission Risk for Patients Discharge to a Skilled Nursing Facility vs. Home Healthcare after Total Knee Arthroplasty

Joshua K. Johnson, DPT, Ph.D.	Cleveland, OH
*Ignacio Pasqualini, M.D.	Cleveland, OH
Joshua L. Tidd, B.S.	Cleveland, OH
Alison K. Klika, M.S.	Cleveland, OH
Nicolas S. Piuze, M.D.	Cleveland, OH

18. 30- and 90-Day Readmissions Following TKA Negatively Impact 1-Year Patient Outcomes

*Ignacio Pasqualini, M.D.	Cleveland, OH
Pedro J. Rullán, M.D.	Cleveland, OH
Josh Tidd B.S.	Cleveland, OH
Lakshmi S. Gudapati, M.S.	Cleveland, OH
Yuxuan Jin, M.S.	Cleveland, OH
Alison K. Klika, M.S.	Cleveland, OH
Trevor G Murray, M.D.	Cleveland, OH
Robert M Molloy, M.D.	Cleveland, OH
Nicolas S. Piuze, M.D.	Cleveland, OH

HIP ARTHROPLASTY (#10 posters)

19. Porous Tantalum Acetabular Cup and Augment Constructs in Complex Revision Total Hip Arthroplasty - A Minimum 10-Year Follow Up

*Matthew L. Hadley, M.D.	Rochester, MN
Thomas D. Alter, M.D.	Rochester, MN
Kristin M. Fruth, B.S.	Rochester, MN
Nicholas A. Bedard, M.D.	Rochester, MN
Kevin I. Perry, M.D.	Rochester, MN
Cory G. Couch, M.D.	Rochester, MN
Rafael J. Sierra, M.D.	Rochester, MN
David G. Lewallen, M.D.	Rochester, MN

20. Periprosthetic Joint Infections: Is an Ipsilateral Uninfected Total Joint Arthroplasty at Risk?

*Harold I. Salmons IV, M.D.	Rochester, MN
Daniel C. Karczewski, M.D.	Rochester, MN
Prabin Thapa, M.S.	Rochester, MN
Nicholas A. Bedard, M.D.	Rochester, MN
Daniel J. Berry, M.D.	Rochester, MN
Matthew P. Abdel, M.D.	Rochester, MN

21. Can AI Models Produce High-Quality, Readable Patient Education Materials for Total Joint Arthroplasty?

*Ajay S. Potluri	Cleveland, OH
Ramon A. Arza	Cleveland, OH
Alexander Richards	Cleveland, OH
Glenn D. Wera, M.D.	Cleveland, OH

22. Malnutrition Does Not Limit the Effect of Preoperative Weight Loss 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
Daniel J. Berry, M.D.	Rochester, MN
Matthew P. Abdel, M.D.	Rochester, MN

23. Accuracy of Intraoperative Approximation of Pelvic Tilt Using Pre-Operative Standing Radiographs

*William E. Oetojo, B.A.	Maywood, IL
Patrick Lawler, B.S.	Maywood, IL
Hassan Farooq, M.D.	Maywood, IL
Jim Pierrepont, Ph.D., MEng	Cirencester, UK
Daniel Schmitt, M.D.	Maywood, IL
Nicholas M. Brown, M.D.	Maywood, IL

24. Influence of Head Size and Implant Position on Impingement-Free Range of Motion in Primary Total Hip Arthroplasty: A Simulation Study

Heather J. Roberts, M.D.	Rochester, MN
*Sergio F. Guarin Perez, M.D.	Rochester, MN
Mark W. Pagnano, M.D.	Rochester, MN
Rafael J. Sierra, M.D.	Rochester, MN

25. Outcomes of Cementless Distal Fixation Modular Stems in Aseptic Revision Total Hip Arthroplasty in Patients Greater than 75 Years Old

*Michael S. Ramos, M.S.	Cleveland, OH
Yuxuan Jin, M.S.	Cleveland, OH
Pedro J. Rullán, M.D.	Cleveland, OH
Alison K. Klika, M.S.	Cleveland, OH
Robert M. Molloy, M.D.	Cleveland, OH
Matthew E. Deren, M.D.	Cleveland, OH
Viktor E. Krebs, M.D.	Cleveland, OH
Peter Surace, M.D.	Cleveland, OH
Nicolas S. Piuze, M.D.	Cleveland, OH

26. Do Overall Body Weight, Body Mass Index, or Clinically Significant Weight Changes Occur after Total Hip Arthroplasty? A Meta-Analysis of 18,932 Patients

*Michael S. Ramos, M.S.	Cleveland, OH
Martina Hale B.A.	Cleveland, OH
Pedro J. Rullán, M.D.	Cleveland, OH
Kyle Kunze, M.D.	Cleveland, OH
Nikhil Nair, B.A.	Cleveland, OH
Alison K. Klika, M.S.	Cleveland, OH
Nicolas S. Piuze, M.D.	Cleveland, OH

27. What is the Burden of Medical and Orthopaedic-Related 90-Day Readmissions Following Total Hip Arthroplasty?

Pedro J. Rullán, M.D.	Cleveland, OH
Josh Tidd, B.S.	Cleveland, OH
Lakshmi Gudapati, M.S.	Cleveland, OH
*Ignacio Pasqualini, M.D.	Cleveland, OH
Alison K. Klika, M.S.	Cleveland, OH
Carlos A. Higuera, M.D.	Cleveland, OH
Matthew E. Deren M.D.	Cleveland, OH
Robert M Molloy, M.D.	Cleveland, OH
Nicolas S. Piuze, M.D.	Cleveland, OH

28. Higher Risk of Poor One-Year Outcomes in THA Patients Readmitted within 90 Days

*Ignacio Pasqualini, M.D.	Cleveland, OH
Pedro J. Rullán, M.D.	Cleveland, OH
Josh Tidd B.S.	Cleveland, OH
Lakshmi S. Gudapati, M.S.	Cleveland, OH
Yuxuan Jin, M.S.	Cleveland, OH
Alison K. Klika, M.S.	Cleveland, OH
Matthew E. Deren, M.D.	Cleveland, OH
Michael R Bloomfield, M.D.	Cleveland, OH
Nicolas S. Piuze, M.D.	Cleveland, OH

SHOULDER AND ELBOW (14 posters)

29. Comparison of Non-Augmented vs. Augmented Double-Row Rotator Cuff Repair with a Bioinductive Collagen Implant vs. Acellular Dermal Allograft

*Kira Smith, B.S.	Cleveland, OH
Mark F. Megerian, B.S.	Cleveland, OH
Ethan R. Harlow, M.D.	Cleveland, OH
Molly Piper, B.S.	Cleveland, OH
John T. Strony, M.D.	Cleveland, OH
Elisabeth Kroneberger, B.S.	Cleveland, OH
James E. Voos, M.D.	Cleveland, OH
Michael J. Salata, M.D.	Cleveland, OH
Jacob G. Calcei, M.D.	Cleveland, OH
Robert J. Gillespie, M.D.	Cleveland, OH

30. Bioabsorbable Collagen Implant for Treatment of Lateral Epicondylitis: A Prospective Randomized Study

*Johnny K. Kasto, M.D.	Detroit, MI
Ryan Sanii,	Detroit, MI
Elizabeth King, M.D.	Detroit, MI
Stephanie J. Muh, M.D.	Detroit, MI

31. Fulfillment of Patients' Expectations For Reverse Total Shoulder Arthroplasty (RTSA)

*Johnny K. Kasto, M.D.	Detroit, MI
Vincent Lizzio, M.D.	Detroit, MI
Chrystina James, M.D.	Detroit, MI
Ryan Sanii, M.P.H.	Detroit, MI
Gabriel Burdick, M.D.	Detroit, MI
Stephanie J. Muh, M.D.	Detroit, MI

32. Prior Shoulder Arthroscopy is Associated with Worse Outcomes Following Primary Reverse Shoulder Arthroplasty

*Garrett R. Jackson, M.D.	Boca Raton, FL
Carlos Fernandez, M.D.	
Howard Routman, D.O.	Boca Raton, FL
Vani J. Sabesan, M.D.	Boca Raton, FL

33. Failure of Liposomal Bupivacaine in Managing Postoperative Pain Following Shoulder Surgery

Vani Sabesan, M.D.	Boca Raton, FL
Joel Grunhut, M.D.	Boca Raton, FL
Ajay Desai, B.S.	Boca Raton, FL
Alessia Lavin, M.D.	Miami, FL
Clyde Fomunung, B.S.	Boca Raton, FL
*Garrett Jackson, M.D.	Boca Raton, FL

34. Body Mass Index Does Not Affect Outcomes or Survivorship in Reverse Total Shoulder Arthroplasty

*Erryk S. Katayama, B.A.	Columbus, OH
Louis W. Barry, B.S.	Columbus, OH
George R. Durisek, B.S., M.B.A.	Columbus, OH
Galo Bustamante, B.S.	Columbus, OH
John S. Barnett, B.S.	Columbus, OH
Seth Wilson, B.S.	Columbus, OH
Akshar V Patel, B.S.	Columbus, OH
Julie Y. Bishop, M.D.	Columbus, OH
Gregory L. Cvetanovich, M.D.	Columbus, OH
Ryan C. Rauck, M.D.	Columbus, OH

35. Proximal Humerus Fracture Treated with Reverse Total Shoulder Arthroplasty Compared to Rotator Cuff Arthropathy: A Retrospective Review

*John S. Barnett, B.S.	Columbus, OH
Erryk S. Katayama, B.A.	Columbus, OH
Galo C. Bustamante, B.S.	Columbus, OH
Seth B. Wilson, B.S.	Columbus, OH
George Durisek, MBA	Columbus, OH
Louis W. Barry, B.S.	Columbus, OH
Akshar V. Patel, B.S.	Columbus, OH
Gregory Cvetanovich, M.D.	Columbus, OH
Julie Y. Bishop, M.D.	Columbus, OH
Ryan C. Rauck, M.D.	Columbus, OH

36. The Influence of Parkinson's Disease on Outcomes after Total Shoulder Arthroplasty: Inconsistencies in Outcomes Due to Neuromuscular Compromise

Galo C. Bustamante, B.S.	Columbus, OH
*John S. Barnett, B.S.	Columbus, OH
Akshar V. Patel, B.S.	Columbus, OH
Noah Mallory, B.S.	Columbus, OH
Erryk S. Katayama, B.S.	Columbus, OH
Jad Daw, B.S.	Columbus, OH
Gregory L. Cvetanovich, M.D.	Columbus, OH
Julie Y. Bishop, M.D.	Columbus, OH
Ryan C. Rauck, M.D.	Columbus, OH

37. A Large-Scale National Database Analysis on the Effects of Allergies on Total Shoulder Arthroplasty Outcomes and Complications

Galo C. Bustamante, B.S.	Columbus, OH
Amogh Iyer, B.S.E.	Columbus, OH
Akshar V. Patel, B.S.	Columbus, OH
Andrew Stevens, B.S.	Columbus, OH
Hania Shahzad, M.D.	Columbus, OH
Dashaun Ragland, B.S.	Columbus, OH
*Jordan Haber, B.S.	Columbus, OH
Gregory L. Cvetanovich, M.D.	Columbus, OH
Julie Y. Bishop, M.D.	Columbus, OH
Ryan C. Rauck, M.D.	Columbus, OH

38. Analyzing Outcomes of Total Shoulder Arthroplasty in Solid Organ Transplant Recipients

Galo C. Bustamante, B.S.	Columbus, OH
Akshar V. Patel, B.S.	Columbus, OH
*George Durisek, M.B.A.	Columbus, OH
Erryk S. Katayama, B.A.	Columbus, OH
Amogh Iyer, BSE	Columbus, OH
Jordan Haber, B.S.	Columbus, OH
R. Mychael Dopirak, B.S.	Columbus, OH
Gregory L. Cvetanovich, M.D.	Columbus, OH
Julie Y. Bishop, M.D.	Columbus, OH
Ryan C. Rauck, M.D.	Columbus, OH

39. Distal Humerus Nonunions: Salvage Total Elbow Arthroplasty vs. Revision Internal Fixation Utilizing the S.O.S. (Supracondylar Osteotomy and Shortening) Procedure

*Micah J. Nieboer, M.D.	Rochester, MN
Kristin Yu, M.D.	Rochester, MN
Tony Logli, M.D.	Rochester, MN
Mark Morrey, M.D.	Rochester, MN
Jonathan D. Barlow, M.D., M.S.	Rochester, MN
Shawn O'Driscoll, M.D., Ph.D.	Rochester, MN
Joaquin Sanchez-Sotelo, M.D., Ph.D.	Rochester, MN

40. Increasing Severity of Preoperative Anemia is Associated with Higher Postoperative Medical and Surgical Complications after Primary Shoulder Arthroplasty

*Kareme D. Alder, M.D.	Rochester, MN
Kristin E. Yu, M.D.	Rochester, MN
Matthew M. Rode, M.S.	Rochester, MN
Ian M. Marigi, B.A.	St. Louis, MO
Erick M. Marigi, M.D.	Rochester, MN
Mark E. Morrey, M.D.	Rochester, MN
John W. Sperling, M.D., M.B.A	Rochester, MN
Joaquin Sanchez-Sotelo, M.D.	Rochester, MN

41. Same-Day Discharge vs. Inpatient Total Shoulder Arthroplasty: An Age Stratified Comparison of Postoperative Outcomes and Hospital Charges

Yazdan Raji, M.D.	Cleveland, OH
Kira Smith, B.S.	Cleveland, OH
*Mark Megerian, B.S.	Cleveland, OH
Bhargavi Maheshwer, M.D.	Cleveland, OH
Abdus Sattar, Ph.D.	Cleveland, OH
Raymond E. Chen, M.D.	Cleveland, OH
Robert J. Gillespie, M.D.	Cleveland, OH

42. National Incidence and Economic Burden of Revision Shoulder Arthroplasty in the United States: Projections Through 2030

*Kevin X. Farley, M.D., M.S.	Royal Oak, MI
Robert S. Dean, M.D.	Royal Oak, MI
Eric R. Wagner, M.D.	Royal Oak, MI
Michael B. Gottschalk, M.D.	Atlanta, GA
J. Michael Wiater, M.D.	Royal Oak, MI

SPORTS (12 posters)

43. Long-Term Outcomes of Partial Meniscectomy for Medial Meniscus Posterior Root Tears: A Cautionary Tale

Abhi A. Lamba, B.S.	Rochester, MN
Christina M. Regan, B.S.	Rochester, MN
*Sean C. Clark, M.S.	Rochester, MN
Bruce A. Levy, M.D.	Rochester, MN
Michael J. Stuart, M.D.	Rochester, MN
Aaron J. Krych, M.D.	Rochester, MN
Mario Hevesi, M.D., Ph.D.	Rochester, MN

44. Clinical Outcome of Meniscus Centralization with Medial Meniscus Root Repair for the Extruded Medial Meniscus

Aaron J. Krych, M.D.	Rochester, MN
Alexander M. Boos, B.A.	Rochester, MN
Abhinav A. Lamba, B.S.	Rochester, MN
Xuankang Pan, B.S.	Rochester, MN
Christopher L. Camp, M.D.	Rochester, MN
Mario Hevesi, M.D., Ph.D.	Rochester, MN
Patrick A. Smith, M.D.	Columbia, MO
*Sean C. Clark, M.S.	Rochester, MN

45. Series of Isolated Arthroscopic Debridement of Acetabular Labral Tears: High Rates of Failure and Conversion to Total Hip Arthroplasty at 13 Year Minimum Follow-Up

Abhinav A. Lamba, B.S.	Rochester, MN
Alexander M. Boos, B.A.	Rochester, MN
*Karissa N. Simon, B.S.	Rochester, MN
Xuankang Pan, B.S.	Rochester, MN
Kelechi R. Okoroha, M.D.	Rochester, MN
Michael J. Stuart, M.D.	Rochester, MN
Bruce A. Levy, M.D.	Rochester, MN
Aaron J. Krych, M.D.	Rochester, MN
Mario Hevesi, M.D., Ph.D.	Rochester, MN

46. Utilizing Machine Learning to Identify Ideal Candidates for Nonoperative Treatment of ACL Tears

*Kevin Jurgensmeier, M.D.	Rochester, MN
Anna Reinholz, B.S.	Rochester, MN
Mohamed Sobhi Jabal, M.D.	Rochester, MN
Yining Lu, M.D.	Rochester, MN
Quinn Johnson, B.A.	Rochester, MN
Bruce A. Levy M.D.	Rochester, MN
Christopher L. Camp, M.D.	Rochester, MN
Daniel B. Saris, M.D., Ph. D.	Rochester, MN

47. Does Concomitant Meniscus Allograft Transplantation Influence Outcomes of Osteochondral Allograft Transplantation? A Comparative Matched-Pair Analysis

Martin Husen, M.D., Ph.D.	Neuenheimer Feld, Heidelberg, Germany
Allen S. Wang, M.S.	Rochester, MN
*Karissa N. Simon, B.S.	Rochester, MN
Alexander M. Boos, B.A.	Rochester, MN
Christopher L. Camp, M.D.	Rochester, MN
Mario Hevesi, M.D. Ph.D.	Rochester, MN
Bruce A. Levy, M.D.	Rochester, MN
Daniel B.F. Saris, M.D., Ph.D.	Rochester, MN
Michael J. Stuart, M.D.	Rochester, MN
Aaron J. Krych, M.D.	Rochester, MN

48. Comparing Outcomes of Labral Reconstruction and Repair Performed in Conjunction with Periacetabular Osteotomy

*Spencer Dempewolf	Iowa City, IA
Steele McCulley	Iowa City, IA
Emiko Hasegawa	Iowa City, IA
Aspen C. Miller, B.A.	Iowa City, IA
Michael C. Willey, M.D.	Iowa City, IA
Robert W. Westermann, M.D.	Iowa City, IA

49. Sulcus Deepening Trochleoplasty and Medial Patellofemoral Ligament Reconstruction for Patellofemoral Instability: A Mean 5-Year Follow-Up

Adam J. Tagliero, M.D.	Rochester, MN
*Lauren E. Dittman, M.D.	Rochester, MN
Thomas E. Moran, M.D	Charlottesville, VA
Elizabeth K. Driskill, B.S	Charlottesville, VA
Carter J. Berry	Charlottesville, VA
David R. Diduch	Charlottesville, VA

50. Comparing Distal Triceps Tendon Repair Outcomes by Surgical Technique

*Parker L. Brush, M.D.	Springfield, IL
Delano Trenchfield, B.S.	Springfield, IL
Adrian Santana, B.S.	Springfield, IL
D. Gordon Allan, M.D.	Springfield, IL
Daniel Fletcher, M.D.	Springfield, IL

51. Outcomes of Hip Abductor Repair and Reconstruction: Durably Improved Patient Reported Outcome Scores and High Satisfaction at Minimum 5-Year Follow-Up

*Mario Hevesi, M.D., Ph.D.	Rochester MN
Alexander M. Boos, BA	Rochester MN
Abhinav A. Lamba, B.S.	Rochester MN
Christopher V. Nagelli, Ph.D.	Rochester MN
Sean C. Clark, M.S.	Rochester MN
Kalechi R. Okoroha, M.D.	Rochester MN
Bruce A. Levy, M.D.	Rochester MN
Aaron J. Krych, M.D.	Rochester MN
Rafael J. Sierra, M.D.	Rochester MN

52. Predictors of Surgical Outcome in Patients Undergoing Meniscectomy

*Sarah C. Kurkowski, M.D.	Cincinnati, OH
John Bonamer, B.S.	Cincinnati, OH
Henry Kuechly	Cincinnati, OH
Michael J. Thimmesch, B.S.	Cincinnati, OH
Brian Johnson, M.D.	Cincinnati, OH
Brian Grawe, M.D.	Cincinnati, OH

53. Staff Presence and Operating Room Efficiency in Total Shoulder Arthroplasty

*Sarah C. Kurkowski, M.D.	Cincinnati, OH
John Bonamer, B.S.	Cincinnati, OH
Henry Kuechly	Cincinnati, OH
Samuel Gerak, B.A.	Cincinnati, OH
Michael J. Thimmesch, B.S.	Cincinnati, OH
Jonathon Harley, B.A.	Cincinnati, OH
Brian Grawe, M.D.	Cincinnati, OH

54. Clinical and Radiographic Outcomes after Arthroscopic Meniscal Allograft Transplantation using Bone Fixation

Martin Husen, M.D Ph.D	Heidelberg, Germany
Keshav Poudel, B.S.	Rochester, MN
Allen S. Wang, M.S.	Rochester, MN
*Xuankang Pan, B.S.	Rochester, MN
Mario Hevesi, M.D., Ph.D.	Rochester, MN
Domonik Saul, M.D.	Rochester, MN
Michael J. Stuart, M.D.	Rochester, MN
Bruce A. Levy, M.D.	Rochester, MN
Daniel B. F. Saris, M.D., Ph.D.	Rochester, MN
Aaron J. Krych, M.D.	Rochester, MN

TRAUMA (#10 posters)

55. Complications and Outcomes after High Energy Lisfranc Injuries

*Margaret A. Sinkler, M.D.	Cleveland, OH
Alex Benedick M.D.	Cleveland, OH
Nicholas Alfonso M.D.	Denver, CO
Heather A. Vallier, M.D.	Cleveland, OH

56. Postoperative Dorsal Step Off Size Predicts Olecranon Osteotomy Nonunion

*Margaret A. Sinkler, M.D.	Cleveland, OH
George Ochenjele, M.D.	Cleveland, OH
John K. Sontich	Cleveland, OH
Robert J. Wetzel, M.D.	Cleveland, OH
Joshua K. Napora M.D.	Cleveland, OH

57. Increased Complication and Reoperation Rate in Polytrauma Patients with Obesity Undergoing Fracture Surgery Compared to Matched Controls

*John Bonamer	Cincinnati, OH
Sarah N. Pierrie, M.D.	Cincinnati, OH
A. Scottie Emmert	Cincinnati, OH
Esha Reddy	Cincinnati, OH
John S. Saczawa	Cincinnati, OH
Michael J. Beltran, M.D.	Cincinnati, OH

- 58. Bispectral EEG Effectively Predicts Delirium after Femoral Fragility Fracture in Older Adults**
 Aspen C. Miller, B.S. Iowa City, IA
 John W. Cromwell, M.D. Iowa City, IA
 Steele McCulley, B.S. Iowa City, IA
 *Michael C. Willey, M.D. Iowa City, IA
- 59. Suprapatellar Intramedullary Nailing vs ORIF of displaced Tibial Plateau Fractures: A 10 year Clinical and Radiographic Follow-Up Study**
 *Adrian W. Olson, D.O. Berkley, MI
 Ivan Bandovic, D.O. Royal Oak, MI
 Austin E. Smith Milford, MI
 Ryan M. Centanni Detroit, MI
 Virginia M. Leadbetter Berkley, MI
 Benjamin J. Best, D.O. Detroit, MI
- 60. Opinions Regarding Dual-Implant Fixation and Weight Bearing in Distal Femur Fractures: A Survey from the 2022 Orthopaedic Trauma Association (OTA) Traveling Fellowship**
 *Austen L. Thompson, M.D., Ph.D. Rochester, MN
 Nicolas P. Kuttner, M.D. Columbus, OH
 Ankur Khanna, B.S. Rochester, MN
 Milton TM Little, M.D. Los Angeles, CA
 Emily Wagstrom Minneapolis, MN
 Brandon J. Yuan, M.D. Rochester, MN
- 61. Outcomes of SARS-CoV-2 Infection: Patients with Orthopaedic Fracture Surgery**
 Eli B. Levitt, M.D. Birmingham, AL
 Matthew C. Hess, M.D. Birmingham, AL
 *Matthew T. Yeager, B.A. Birmingham, AL
 Brent A. Ponce, M.D. Columbus, GA
 Steven M. Theiss, M.D. Birmingham, AL
 Clay A. Spitler, M.D. Birmingham, AL
 Joseph P. Johnson, M.D. Birmingham, AL
 Ashish Shah, M.D. Birmingham, AL
- 62. Superior Locking Plate with Braided PDS Coracoclavicular Fixation for the Unstable Distal Clavicle Fracture**
 *Rachel L. Honig, M.D. Rochester, MN
 Sherrea Jones Milwaukee, WI
 Katherine Mallett, M.D. Rochester, MD
 Jonathan D. Barlow, M.D., M.S. Rochester, MN
- 63. Assessing the Quality of Short-Form Video Platform YouTube Shorts Regarding Ankle Fractures**
 *Keenan Horani, B.S. Galveston, TX
 Andrew Coskey, M.D. Lexington, KY
 John C. Hagedorn II, M.D. Galveston, TX

64. Early Periprosthetic Femur Fractures after Primary Total Hip Arthroplasty Associated with Increased Incidence of Reoperation and Periprosthetic Joint Infection

*Nikhil Vasireddi, M.H.A.	Cleveland, OH
Colin C. Neitzke	Chicago, IL
Sonia Chandi, M.D.	New York
Peter K. Sculco, M.D.	New York, NY
Brian P. Chalmers, M.D.	New York, NY
Elizabeth B. Gausden, M.D., M.P.H.	New York, NY

SPINE (5 poster)

65. The Effect Lateral Mass Screw Facet Joint Violation on Radiographic and Clinical Outcomes after Posterior Cervical Fusion

*Hannah A. Levy, M.D.	Rochester, MN
Tyler G. Allen, M.D.	Rochester, MN
Zachariah W. Pinter, M.D.	Rochester, MN
Andrew D. Pumford	Rochester, MN
Harold I. Salmons IV, M.D.	Rochester, MN
Sarah Townsley, 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
Brian A. Karamian, M.D.	Salt Lake City, UT

66. Scar Satisfaction after Anterior Cervical Spine Surgery

*Parker L. Brush, M.D.	Springfield, IL
Matthew Meade, D.O.	Springfield, IL
Emily Ducaji, B.S.	Springfield, IL
Abbey Glover, B.S.	Springfield, IL
Julian Takagi-Stewart, B.S.	Springfield, IL
D. Gordon Allan, M.D.	Springfield, IL

67. Outcomes of Operative Spinal Fractures in COVID-19-positive Patients Using Data from a US National Database

*Zuhair Jameel Mohammed, B.S.	Birmingham, AL
Eli B. Levitt, M.D.	Hialeah, FL
Matthew Yeager, B.A.	Birmingham, AL
Robert Rutz, M.D.	Birmingham, AL
Ashish B. Shah, M.D.	Birmingham, AL
Steven M. Theiss, M.D.	Birmingham, AL

68. Upper Level Instrumentation at C2 vs. C3 does not Influence Radiographic or Clinical Outcomes after Posterior Cervical Fusion

Mark A. Plantz, M.D.	Chicago, IL
Jeremy Marx, M.D.	Chicago, IL
*Tyler Compton, M.D.	Chicago, IL
David Hiltzik, M.D.	Chicago, IL
Joseph Weiner, M.D.	Chicago, IL
Erik Gerlach, M.D.	Chicago, IL
Peter Swiatek, M.D.	Chicago, IL
Srikanth Divi, M.D.	Chicago, IL
Alpesh A. Patel, M.D., M.D.A	Chicago, IL
Wellington K. Hsu, M.D.	Chicago, IL

69. Cost Analysis of Back Injuries in National Hockey League Athletes

*Nithya Lingampalli, M.D.	Maywood, IL
Hector Castillo, M.D.	Chicago, IL
Jason Meldau, M.D.	Chicago, IL
Nikolas Baksh, M.D.	Chicago, IL
Bartosz Wojewnik, M.D.	Chicago, IL

HAND AND WRIST (4 posters)

70. Tendon Transfer is Associated with Increased Donor Site Morbidity after Extensor Pollicis Longus Reconstruction

*Sarah Townsley, M.D.	Rochester, MN
Morgan Hardman	Rochester, MN
Alexander Y. Shin, M.D.	Rochester, MN
Nicolas A. Pulos, M.D.	Rochester, MN

71. Limb Spasticity and Telemedicine Consultation for Reconstructive Surgery: Patient Perspectives of Surgical Assessment

*Abigail J. Bardwell, D.O.	Rochester, MN
Christopher Crowe, M.D.	Rochester, MN
Peter C. Rhee, D.O., M.S.	Rochester, MN

72. Performance of ChatGPT on Hand Surgery Board-Style Examination Questions

*Ayush D. Shah, B.A.	Minneapolis, MN
Sophia Mavrommatis, B.S., B.A.	Minneapolis, MN
Linzie Wildenauer, B.S.	Minneapolis, MN
Alexander Vasconcellous, M.D.	Minneapolis, MN
Deborah Bohn, M.D.	Minneapolis, MN

73. Patient Expectations Before and after Distal Radius Fracture Fixation: Differences by Age, Education, and Surgeon's Perception

Jefferson Li, M.D.	Chicago, IL
Ian MacLean, M.D.	Chicago, IL
Farhan Ahmad, M.D.	Chicago, IL
Andre D. Sabet, B.A., M.S.	Chicago, IL
*John Hoy	Chicago, IL
Xavier Simcock, M.D.	Chicago, IL
Robert W. Wysocki M.D.	Chicago, IL

PEDIATRICS (3 posters)

74. Long-Term Outcomes at Skeletal Maturity of Combined Pelvic and Femoral Osteotomies for the Treatment of Legg-Calve-Perthes Disease

*Christina M. Regan, B.S.	Rochester, MN
Alvin W. Su, M.D.	Rochester, MN
M. Bryant Transtrum, M.D.	Rochester, MN
Anthony A. Stans, M.D.	Rochester, MD
Todd A. Milbrandt, M.D.	Rochester, MN
A. Noelle Larson, M.D.	Rochester, MN
William J. Shaughnessy, M.D.	Rochester, MN

75. Can Serial Height Measurements in Modern Children be Used to Develop and Update Skeletal Maturity Systems?

*Kallie J. Chen, M.D.	Cleveland, OH
Alexander Richards, B.A.	Cleveland, OH
Ryan J. Furdock, M.D.	Cleveland, OH
Raymond W. Liu, M.D.	Cleveland, OH

76. Comparison of Pre- and Postoperative Range of Motion in Patients Treated with Unilateral, Peri-Apical Distractors Device (ApiFix) for Adolescent Idiopathic Scoliosis

*David A. Brueggeman, M.D.	Dayton, OH
Garrhett G. Via, M.D.	Dayton, OH
Kenzie D. Lundqvist, B.S.	Dayton, OH
Tessa Hill, B.S., MEng	Dayton, OH
Madelyn Hill, MPH, CHES	Dayton, OH
Michael C. Albert, M.D.	Dayton, OH

FOOT AND ANKLE (2 posters)

Poster position #77 deleted

Poster position #78 deleted

ONCOLOGY (2 posters)

79. Pediatric Synovial Sarcoma: A Review of 21 Cases from a Single Institution

*Samuel E. Broida, M.D.	Rochester, MN
Mikaela H. Sullivan, M.D.	Rochester, MN
Alexandra Arguello, M.D.	Rochester, MN
Matthew T. Houdek, M.D.	Rochester, MN

80. Chondrosarcoma of the Flat Bones: Differential Survival Between High Grade Lesions of the Pelvis and Scapula

*Samuel E. Broida, M.D.	Rochester, MN
Mikaela H. Sullivan, M.D.	Rochester, MN
Emmett Cleary, M.D.	Rochester, MN
Alexandra Arguello, M.D.	Rochester, MN
Matthew T. Houdek, M.D.	Rochester, MN