

# MID-AMERICA ORTHOPAEDIC ASSOCIATION

43<sup>rd</sup> Annual Meeting | April 15 – 19, 2026

## E-POSTER PROGRAM

\*Denotes speaker

**THURSDAY, APRIL 16**

### E-POSTER SESSION #1

#### TRAUMA

ROOM: AZALEA B

MODERATOR: **S. Trent Guthrie, MD**

Detroit, MI

- |         |         |                                                                                                                                   |                |
|---------|---------|-----------------------------------------------------------------------------------------------------------------------------------|----------------|
| 7:00 AM | 7:03 AM | <b>1 Intramedullary Nailing of Femoral Shaft Fractures: Significance of Interlocking Screw Breakage?</b>                          |                |
|         |         | Josue Balbuena                                                                                                                    | Louisville, KY |
|         |         | Taylor Utter                                                                                                                      | Louisville, KY |
|         |         | Rodolfo Zamora, MD                                                                                                                | Louisville, KY |
|         |         | *Eric T. Metzman, MD                                                                                                              | Louisville, KY |
| 7:04 AM | 7:07 AM | <b>2 Short vs. Long Leg Splints for Initial Stabilization of Tibial Shaft Fractures: A Non-Inferiority Comparative Analysis</b>   |                |
|         |         | *Andrew J. Burcke, MD                                                                                                             | St. Louis, MO  |
|         |         | Ashley Gall, MD                                                                                                                   | St. Louis, MO  |
|         |         | Joshua Ungar, MD                                                                                                                  | St. Louis, MO  |
|         |         | Achraf Jardaly, MD                                                                                                                | St. Louis, MO  |
|         |         | Matthew Wagoner, MD                                                                                                               | St. Louis, MO  |
|         |         | Ryan E. Bruner, BS                                                                                                                | St. Louis, MO  |
|         |         | Jasmine Lee, BS                                                                                                                   | St. Louis, MO  |
|         |         | Dalton Ennis, BS                                                                                                                  | St. Louis, MO  |
|         |         | Rashini Jayawardena, BS                                                                                                           | St. Louis, MO  |
| 7:08 AM | 7:11 AM | <b>3 Impact of a Trauma Recovery Center (TRC) on Patients with Ballistic Femur and Tibia Fractures at a Level 1 Trauma Center</b> |                |
|         |         | *Obad B. Barkus, MD                                                                                                               | Detroit, MI    |
|         |         | Kashif Javid, BA                                                                                                                  | Detroit, MI    |
|         |         | Mazen Zamzam, BS                                                                                                                  | Detroit, MI    |
|         |         | Alexander M. Driessche, MSE                                                                                                       | Detroit, MI    |
|         |         | Stuart T. Guthrie, MD                                                                                                             | Detroit, MI    |
|         |         | Joseph Hoegler, MD                                                                                                                | Detroit, MI    |
|         |         | William M. Hakeos, MD                                                                                                             | Detroit, MI    |
| 7:12 AM | 7:15 AM | <b>4 Patient and Fracture Characteristics Associated with Reoperation in Patella Fractures</b>                                    |                |
|         |         | Ryan N. McIlwain, BS                                                                                                              | Birmingham, AL |
|         |         | Robin M. Litten, MS                                                                                                               | Birmingham, AL |
|         |         | Doriann M. Alcaide, MD                                                                                                            | Birmingham, AL |
|         |         | Anthony Wilson, MD                                                                                                                | Birmingham, AL |
|         |         | Nigel Blackwood, MD                                                                                                               | Birmingham, AL |
|         |         | David Patch, MD                                                                                                                   | Birmingham, AL |
|         |         | Jonathan Ellis, MD                                                                                                                | Birmingham, AL |
|         |         | Joseph P. Johnson, MD                                                                                                             | Birmingham, AL |
|         |         | Clay A. Spitler, MD                                                                                                               | Birmingham, AL |
|         |         | *M. Caleb Brock, MS                                                                                                               | Birmingham, AL |

7:16 AM	7:21 AM	<b>FLOOR DISCUSSION</b>	
7:22 AM	7:25 AM	<b>5 Optimal Timing of Hemodialysis Before Hip Fracture Surgery for Patients with End-Stage Renal Disease</b>	
		Hanna E. House, MD	Maywood, IL
		Michelle R. Shimizu, MD	Maywood, IL
		*Insup Hong, MA	Maywood, IL
		Carlo Eikani, MD	Maywood, IL
		Joseph B. Cohen, MD	Maywood, IL
		Hobie D. Summers, MD	Maywood, IL
		Ashley E. Levack, MD, MAS	Maywood, IL
7:26 AM	7:29 AM	<b>6 Orthopaedic Providers Agree that Nutrition Supplementation Can Be Beneficial for Older Adults with Hip Fracture, but Utilization in Clinical Practice is Uncommon</b>	
		*Michael C. Willey, MD	Iowa City, IA
		Jennessa Sharratt, BS, MCN	Iowa City, IA
		Linda G. Snetselaar RD, PhD, LD	Iowa City, IA
		Lori S. Fitton, PhD, APRN, CNP, CCD, ONP-C	Iowa City, IA
		Kate Spitzley, PhD.	Eugene, OR
		Tessa Kirkpatrick, BS, CCRC	Slocum, OR
		Alex Demers, MD	Iowa City, IA
		John Davison, MD	Iowa City, IA
		Daniel Fitzpatrick, MD, MS	Eugene, OR
		Lisa Reider, PhD., MHS	Baltimore, MD
7:30 AM	7:33 AM	<b>7 Characteristics and Outcomes of Interprosthetic vs. Periprosthetic Femur Fractures</b>	
		Robin M. Litten, MS	Birmingham, AL
		Doriann M. Alcaide, MD	Birmingham, AL
		Jose Luis Ayala-Ortiz, BS	Birmingham, AL
		Jodie L. Meeks, BS	Birmingham, AL
		Christian R. Just, BS	Birmingham, AL
		Alex R. Heatherly, MD	Birmingham, AL
		Ryan N. McIlwain, BS	Birmingham, AL
		Clay A. Spittler, MD	Birmingham, AL
		Joey P. Johnson, MD	Birmingham, AL
		*Greyson Taylor, BS	Birmingham, AL
7:34 AM	7:37 AM	<b>8 Comparable Rates of Bone-Cement Implantation Syndrome and Periprosthetic Fracture Following Cemented and Cementless Femoral Stems in Hip Arthroplasty for Femoral Neck Fracture</b>	
		Bryan D. Springer, MD	Jacksonville, FL
		Shalmali Borkar, MPH	Jacksonville, FL
		Aaron Spaulding, Ph.D	Jacksonville, FL
		Robert T. Trousdale, MD	Rochester, MN
		Steven B. Porter, MD	Jacksonville, FL
		Krista A. Goulding, MD	Scottsdale, AZ
		Benjamin K. Wilke, MD	Des Moines, IA
		*Xiao T. Chen, MD	Rochester, MN
7:38 AM	7:43 AM	<b>FLOOR DISCUSSION</b>	

**E-POSTER SESSION#2  
HIP ARTHROPLASTY**

ROOM: AZALEA C

MODERATOR: **Erik T. Otterberg, MD**  
Omaha, NE

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|---------|---------|------------------------------------------------------------------------------------------------------------------------|------------------|
| 7:00 AM | 7:03 AM | <b>9 Proximal Femur Replacements for Periprosthetic Fractures Are Associated with High Revision and Mortality Risk</b> |                  |
|         |         | *James R. Markos, MD                                                                                                   | Rochester, MN    |
|         |         | Nicholas A. Bedard, MD                                                                                                 | Rochester, MN    |
|         |         | Daniel J. Berry, MD                                                                                                    | Rochester, MN    |
|         |         | Brandon J. Yuan, MD                                                                                                    | Rochester, MN    |
|         |         | Matthew P. Abdel, MD                                                                                                   | Rochester, MN    |
|         |         | Charles P. Hannon, MD, MBA                                                                                             | Rochester, MN    |
| 7:04 AM | 7:07 AM | <b>10 Early Mortality in Elective and Emergent Hip Arthroplasty: Should we Blame the Cement?</b>                       |                  |
|         |         | *Diego J. Restrepo, MD                                                                                                 | Rochester, MN    |
|         |         | Sergio Guarin Perez, MD                                                                                                | Rochester, MN    |
|         |         | Brandon Yuan, M.D                                                                                                      | Rochester, MN    |
|         |         | Matthew P. Abdel, MD                                                                                                   | Rochester, MN    |
|         |         | Kevin I. Perry, MD                                                                                                     | Rochester, MN    |
|         |         | Tad M. Mabry, MD                                                                                                       | Rochester, MN    |
|         |         | Michael J. Taunton, MD                                                                                                 | Rochester, MN    |
|         |         | Robert T. Trousdale, MD                                                                                                | Rochester, MN    |
|         |         | Daniel J. Berry, MD                                                                                                    | Rochester, MN    |
|         |         | Rafael J. Sierra, MD                                                                                                   | Rochester, MN    |
| 7:08 AM | 7:11 AM | <b>11 Predictors of Patient Reported Outcome Measure Completion Following Total Joint Arthroplasty</b>                 |                  |
|         |         | Alexander Driessche, MSE                                                                                               | Detroit, MI      |
|         |         | Noah Hodson, MD                                                                                                        | Detroit, MI      |
|         |         | Mazen Zamzam, BS                                                                                                       | Detroit, MI      |
|         |         | Ali Mehadli, MD                                                                                                        | Detroit, MI      |
|         |         | Aaron Pang, MD                                                                                                         | Detroit, MI      |
|         |         | *Cassandra Keinath, MD                                                                                                 | Detroit, MI      |
|         |         | Trevor North, MD                                                                                                       | Detroit, MI      |
|         |         | Michael Charters, MD                                                                                                   | Detroit, MI      |
| 7:12 AM | 7:15 AM | <b>12 Obesity and Chronic Opioids Do Not Prevent THA Patients from Achieving CMS Mandated HOOS JR Scores</b>           |                  |
|         |         | *Leonard T. Buller, MD                                                                                                 | Indianapolis, IN |
|         |         | T. David Luo, MD PhD                                                                                                   | Fort Wayne, IN   |
|         |         | Evan R. Deckard, BSE                                                                                                   | Indianapolis, IN |
|         |         | John B. Meding, MD                                                                                                     | Indianapolis, IN |
|         |         | R. Michael Meneghini, MD                                                                                               | Indianapolis, IN |
| 7:16 AM | 7:21 AM | <b>FLOOR DISCUSSION</b>                                                                                                |                  |

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|---------|---------|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| 7:22 AM | 7:25 AM | 13                      | <b>Primary Total Hip Arthroplasty in Morbidly Obese Patients: A Propensity-Weighted Analysis of Dual Mobility and Standard Fixed-Bearing Implants</b><br>*Samuel S. Rudisill, MD<br>Mark Wu, MD<br>Jessica A. Grimm, MS<br>Robert T. Trousdale, MD      | Rochester, MN<br>Rochester, MN<br>Rochester, MN<br>Rochester, MN                                               |
| 7:26 AM | 7:29 AM | 14                      | <b>Uncemented Monoblock Cups in Primary Total Hip Arthroplasty: Average 10-Year Follow-Up</b><br>*Lindsey K. Meding, MS<br>T. David Luo, MD<br>Leonard T. Buller, MD<br>Evan R. Deckard, BSE<br>R. Michael Meneghini, MD<br>John B. Meding, MD          | Noblesville, IN<br>Fort Wayne, IN<br>Indianapolis, IN<br>Noblesville, IN<br>Noblesville, IN<br>Noblesville, IN |
| 7:30 AM | 7:33 AM | 15                      | <b>Periprosthetic Joint Infections and Mortality in Dialysis Patients after Primary Total Joint Arthroplasty</b><br>Bryan O. Ren, MD<br>Mahdi Mazeh, BS<br>Carol A. Janney, PhD<br>Michal Jandzinski, MD<br>Michael M. Kheir, MD<br>*Elizabeth Klag, MD | Ann Arbor, MI<br>Ann Arbor, MI<br>Ann Arbor, MI<br>Ann Arbor, MI<br>Ann Arbor, MI<br>Ann Arbor, MI             |
| 7:34 AM | 7:37 AM | 16                      | <b>Prom Alignment in Value-Based Care: HOOS JR vs. PROMIS-10 in Total Hip Arthroplasty</b><br>*Corey F. Hryc, PhD<br>Drake G. LeBrun, MD<br>Anay R. Patel, MD                                                                                           | Houston, TX<br>Houston, TX<br>Houston, TX                                                                      |
| 7:38 AM | 7:43 AM | <b>FLOOR DISCUSSION</b> |                                                                                                                                                                                                                                                         |                                                                                                                |



7:26 AM	7:29 AM	<b>22 The Usage of “Trend” Statements in Pediatric Orthopedic Literature</b> *Haad A. Arif, MD Ashleigh Pyle, BS Shamar Elliott, BS Jacob Burke, MS Michael J Conklin, MD	Birmingham, AL Birmingham, AL Birmingham, AL Birmingham, AL Birmingham, AL
7:30 AM	7:33 AM	<b>23 Missed Visits and Not ADI Determine the Recurrence Rates in Idiopathic Clubfoot</b> *Chase M. Ochs, BS Boston M. Small, BS Anna C. Blaschko, BS Smitha E. Mathew, MBBS	Omaha, NE Omaha, NE Omaha, NE Omaha, NE
7:34 AM	7:37 AM	<b>24 Patients with a Concomitant Meniscus Procedure at Anterior Cruciate Ligament Reconstruction Display Higher Systemic Indices of the Immune System and Inflammation</b> *Marina Milad Abdelshahid Sonu K. Bae Hayden Price Christopher C. Kaeding, MD Nicholas Apseloff, MD Robert Andrew Magnussen, MD David C. Flanigan, MD Tyler Barker, PhD Emma L. Flanigan	Columbus, OH Columbus, OH Columbus, OH Columbus, OH Columbus, OH Columbus, OH Columbus, OH Columbus, OH Columbus, OH
7:38 AM	7:43 AM	<b>FLOOR DISCUSSION</b>	

**E-POSTER SESSION #4  
SPINE**

ROOM: AZALEA DEF

MODERATOR: **Cassim M. Igram, MD**  
Iowa City, IA

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|---------|---------|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 7:00 AM | 7:03 AM | 25 | <b>Upper Level Instrumentation at C2 vs. C3 does not Influence Radiographic or Clinical Outcomes after Posterior Cervical Fusion</b><br>*Mark A. Plantz, MD Chicago, IL<br>Jeremy Marx, MD Chicago, IL<br>Tyler Compton, MD Chicago, IL<br>Jason Tegethoff, MD Chicago, IL<br>Patrick England, MD Chicago, IL<br>Henry Hilow, MD Chicago, IL<br>Cody Goedderz, MD Chicago, IL<br>Srikanth Divi, MD Chicago, IL<br>Wellington Hsu, MD Chicago, IL                                                           |
| 7:04 AM | 7:07 AM | 26 | <b>Cost and Efficacy of Intraoperative Neuromonitoring in Posterior Cervical Decompression and Fusion</b><br>Austin R. Chen, BS Chicago, IL<br>*Mark A. Plantz, MD Chicago, IL<br>Daniel E. Herrera, BS Chicago, IL<br>Tyler Compton, MD Chicago, IL<br>Parth Desai, MD Chicago, IL<br>Kranti Rumalla Chicago, IL<br>Jason Tegethoff, MD Chicago, IL<br>Wellington K. Hsu, MD Chicago, IL<br>Alpesh A. Patel, MD, MBA Chicago, IL<br>Srikanth N. Divi, MD Chicago, IL                                      |
| 7:08 AM | 7:11 AM | 27 | <b>Pelvic Fixation for Early Onset Scoliosis: Comparative Risks of Complications and Unplanned Returns to the Operating Room (UPROR)</b><br>*Rayyan Abid, BA Cleveland, OH<br>Susan G. Wager, MD Cleveland, OH<br>Christina K. Hardesty, MD Cleveland, OH<br>Pediatric Spine Study Group Valley Forge, PA<br>Christina K. Hardesty, MD Cleveland, OH                                                                                                                                                       |
| 7:12 AM | 7:15 AM | 28 | <b>The Effect of Parkinson's Disease Severity and Medical Management on Outcomes after Cervical Spinal Fusion</b><br>Matthew Lindsey, MD St Louis, MO<br>Tyler Allen, MD Rochester, MN<br>Andrew Pumford, BA Rochester, MN<br>Brian Kelley, BS Rochester, MN<br>Abdelrahman Hamouda Rochester, MN<br>Melvin Helgeson Rochester, MN<br>Ahmad Nassr Rochester, MN<br>Brett Freedman Rochester, MN<br>Arjun Sebastian Rochester, MN<br>Hannah Levy, MD Rochester, MN<br>*Lainey G. Bukowiec, MD Rochester, MN |

7:16 AM	7:21 AM	<b>FLOOR DISCUSSION</b>	
7:22 AM	7:25 AM	<b>29 Intraoperative Neuromonitoring in Anterior Cervical Discectomy and Fusion Is Protective Against Post-Operative Neurosurgical Complications, But at What Cost?</b>	
		Austin R. Chen, BS	Chicago, IL
		*Mark A. Plantz, MD	Chicago, IL
		Daniel E. Herrera, BS	Chicago, IL
		Tyler Compton, MD	Chicago, IL
		Patrick England, MD	Chicago, IL
		Parth Desai, MD	Chicago, IL
		Jason Tegethoff, MD	Chicago, IL
		Wellington K. Hsu	Chicago, IL
		Alpesh A. Patel, MD	Chicago, IL
		Srikanth N. Divi, MD	Chicago, IL
7:26 AM	7:29 AM	<b>30 Revision Sacroiliac Joint Fusion: Mid-Term Patient-Reported Outcomes</b>	
		Megan L. Anderson, BA	Rochester, MN
		Meera M. Dhodapkar, MD, MHS	Rochester, MN
		*Katrina A. Pfaffenbach, BA, BS	Rochester, MN
		Nicholas G. Rhodes, MD	Rochester, MN
		Michelle Hung, PA-C	Rochester, MN
		William W. Cross III, MD	Rochester, MN
7:30 AM	7:33 AM	<b>31 The Association Between Body Mass Index (BMI) and Sarcopenia in Patients Undergoing Cervical Spondylotic Myelopathy (CSM) Surgery</b>	
		Isaiah Gritters	Iowa City, IA
		Reagan Grieser-Yoder	Iowa City, IA
		Daniel Waldschmidt	Iowa City, IA
		Brandon Kamstra	Iowa City, IA
		Lauren Havertape	Iowa City, IA
		Andrea Strayer	Iowa City, IA
		Bradley Hindman	Iowa City, IA
		Matthew Howard	Iowa City, IA
		*Catherine Olinger, MD	Iowa City, IA
7:34 AM	7:37 AM	<b>32 Non-Operative Treatment of Early Onset Scoliosis in Neurofibromatosis-1</b>	
		Joseph Alfred Magoline, MS	Akron, OH
		Ethan Samora	Akron, OH
		*Lorena V. Floccari, MD	Akron, OH
7:38 AM	7:43 AM	<b>FLOOR DISCUSSION</b>	

FRIDAY, APRIL 17

**E-POSTER SESSION #5  
 KNEE ARTHROPLASTY**

ROOM: AZALEA C

MODERATOR: **Jacob J. Ristow, MD**  
 Minneapolis, MN

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|---------|---------|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| 6:45 AM | 6:48 AM | 33                      | <b>Operative Cultures Rarely Necessitate Change to Pji Antibiotic Plan Based on Preoperative Aspiration</b><br>*Merrick T. Ducharme, MD<br>Khaled A. Elmenawi, MD<br>Herve Poilvache, MD<br>Charles P. Hannon, MD<br>Matthew P. Abdel, MD<br>Aaron J. Tande, MD<br>Nicholas A. Bedard, MD                                           | Rochester, MN<br>Cleveland, OH<br>Brussels, Belgium<br>Rochester, MN<br>Rochester, MN<br>Rochester, MN<br>Rochester, MN |
| 6:49 AM | 6:52 AM | 34                      | <b>Oral Hydration Protocol Prior to Total Joint Arthroplasty - Not Always a Winning formula</b><br>Samuel P. Alfonsi III, MD<br>Farhan Ahmad, MD<br>Elizabeth B. Terhune, MD<br>Robert A. Burnett III, MD<br>Craig Della Valle, MD<br>*Christine L. Zickler                                                                         | Chicago, IL<br>Chicago, IL<br>Chicago, IL<br>Chicago, IL<br>Chicago, IL<br>Chicago, IL                                  |
| 6:53 AM | 6:56 AM | 35                      | <b>Patients with a Large Preoperative Flexion Contracture Demonstrate Inferior Outcomes Following Unicompartmental Knee Arthroplasty Compared to Total Knee Arthroplasty</b><br>Aditya S. Yadav, MS<br>Ajay Potluri, BS<br>Enrico M. Forlenza, MD<br>Samuel Alfonsi, MD<br>*Alexander J. Acuña, MD                                  | Chicago, IL<br>Chicago, IL<br>Chicago, IL<br>Chicago, IL<br>Chicago, IL                                                 |
| 6:57 AM | 7:00 AM | 36                      | <b>Total Knee Arthroplasty in a Transplant Population Achieves Similar Outcomes to a Matched Non-Transplanted Population: a Retrospective Cohort Study</b><br>*Timothy S. Brown, MD<br>Reece M. Rosenthal, MD<br>Thomas C. Sullivan<br>Justin O. Aflatooni, MD<br>Terry A. Clyburn, MD<br>Stephen J. Incavo, MD<br>Kwan J. Park, MD | Houston, TX<br>Houston, TX<br>Houston, TX<br>Houston, TX<br>Houston, TX<br>Houston, TX<br>Houston, TX                   |
| 7:01 AM | 7:06 AM | <b>FLOOR DISCUSSION</b> |                                                                                                                                                                                                                                                                                                                                     |                                                                                                                         |

7:07 AM	7:10 AM	37	<b>Effect of Irrigant Solutions or Intrawound Antibiotic Powder on 90-Day Infection after Revision Total Knee Arthroplasty in a Statewide Registry</b>	
			*Thomas Z. Paull, MD	Novi, MI
			Kirsten Mansfield, MD	Ann Arbor, MI
			Huiyong Zheng	Ann Arbor, MI
			Devon Larese	Ann Arbor, MI
			Brian Hallstrom, MD	Ann Arbor, MI
			Elizabeth Dailey, MD	Ann Arbor, MI
			David Markel, MD	Novi, MI
7:11 AM	7:14 AM	38	<b>Increased Time to Treatment for Acute Periprosthetic Joint Infection Is Not Associated with Increased Risk of Treatment Failure</b>	
			*Aditya S. Yadav, MS	Chicago, IL
			Enrico Forlenza, MD	Chicago, IL
			Alexander J. Acuña, MD	Chicago, IL
			Samuel P. Alfonsi	Chicago, IL
			Ajay S. Potluri, BS	Chicago, IL
7:15 AM	7:18 AM	39	<b>The Effect of Extended Oral TXA on Early Postoperative Pain and Opioid Use after Primary TKA</b>	
			Joshua R. Harmer, MD	Indianapolis, IN
			*Ruba Sokrab, MD	Indianapolis, IN
			Leonard T. Buller, MD	Indianapolis, IN
			Evan R. Deckard, BSE	Indianapolis, IN
			R. Michael Meneghini, MD	Indianapolis, IN
7:19 AM	7:22 AM	40	<b>Patellar Resurfacing in Primary TKA: Improved 15-Year Outcomes in Over 25,000 Cases</b>	
			*Moein Bonakdarhashemi	Rochester, MN
			Niall H. Cochrane, MD	Rochester, MN
			Adrian E. Gonzalez Bravo, MS	Rochester, MN
			Kevin I. Perry, MD	Rochester, MN
			Michael J. Taunton, MD	Rochester, MN
			Rafael J. Sierra, MD	Rochester, MN
			Matthew P. Abdel, MD	Rochester, MN
			Charles P. Hannon MD, MBA	Rochester, MN
7:23 AM	7:28 AM		<b>FLOOR DISCUSSION</b>	

**E-POSTER SESSION #6  
 SHOULDER & ELBOW**

ROOM: AZALEA A

MODERATOR: **Gregory L. Cvetanovich, MD**  
 Columbus, OH

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|---------|---------|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| 6:45 AM | 6:48 AM | 41                      | <b>Can Total Elbow Arthroplasty Effectively Treat Posttraumatic Sequelae after Proximal Ulnar or Radius Fracture and Fracture-Dislocations?</b><br>Samuel S. Rudisill, MD<br>Daniel Z. You, MD, MSc<br>Bradley W. Fossum, MD<br>Michael Baird, MD<br>Shawn W. O'Driscoll, MD, PhD<br>Joaquin Sanchez-Sotelo, MD, PhD<br>Mark E. Morrey, MD, MSc<br>*Zachary Reuter, MD | Rochester, MN<br>Rochester, MN<br>Rochester, MN<br>Rochester, MN<br>Rochester, MN<br>Rochester, MN<br>Rochester, MN<br>Rochester, MN        |
| 6:49 AM | 6:52 AM | 42                      | <b>Hydrophilic vs. Non-Hydrophilic Sutures During Lesser Tuberosity Osteotomy Repair in Total Shoulder Arthroplasty: A Biomechanical Comparison</b><br>Samuel Mircoff, BS<br>Andrew Chen, MD<br>Hassan Farooq, MD<br>Robert Havey, MD<br>Muturi Muriuki, PhD<br>Nickolas G. Garbis, MD<br>Dane H. Salazar, MD, MBA<br>*Eisa Razzak, BS                                 | Maywood, IL<br>Maywood, IL<br>Maywood, IL<br>Maywood, IL<br>Maywood, IL<br>Maywood, IL<br>Maywood, IL<br>Maywood, IL                        |
| 6:53 AM | 6:56 AM | 43                      | <b>What Do Patient Prefer? Therapy after Reverse Shoulder Arthroplasty</b><br>Achraf H. Jardaly, MD<br>Katherine Burns, MD<br>Gregory N. Nelson, MD<br>Scott Kaar, MD<br>*Nicholas J. Mangutz, MD                                                                                                                                                                      | St Louis, MO<br>St Louis, MO<br>St Louis, MO<br>St Louis, MO<br>St Louis, MO                                                                |
| 6:57 AM | 7:00 AM | 44                      | <b>Comparative Outcomes of Lateralized vs. Medialized Humeral Configurations in Onlay Reverse Shoulder Arthroplasty: A Systematic Review</b><br>Mahdi Mazeh, BS<br>*Nicholas Daher, BS<br>Joshua Castle, MD<br>Christopher Nikolopoulos, BS<br>Hussein Hamade, BS<br>Julio Nerys-Figueroa, BS<br>Taylor Timoteo, MD<br>Chimdindu Obinero, BS<br>Jared Mahylis, MD      | Ann Arbor, MI<br>Detroit, MI<br>Detroit, MI<br>Rochester, MI<br>Detroit, MI<br>San Juan, PR<br>Macomb, MI<br>Stony Brook, NY<br>Detroit, MI |
| 7:01 AM | 7:06 AM | <b>FLOOR DISCUSSION</b> |                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                             |
| 7:07 AM | 7:10 AM | 45                      | <b>Development of a Novel, Affordable, and Accessible Simulation for Teaching Rotator Cuff Repair</b>                                                                                                                                                                                                                                                                  |                                                                                                                                             |

		*Lainey G. Bukowiec, MD Aaron Damon Julia Todderud Andrew Stites Mark Morrey, MD	Rochester, MN Rochester, MN Rochester, MN Rochester, MN Rochester, MN
7:11 AM	7:14 AM	<b>46 Influence of Glenoid Baseplate Positioning on Patient Reported Outcomes Following Reverse Total Shoulder Arthroplasty</b> *Samuel A. Florentino, MD Kira Smith, MD Logan M. Good, MD Maggie Sinkler, MD Raymond Chen, MD	Cleveland, OH Cleveland, OH Cleveland, OH Cleveland, OH Cleveland, OH
7:15 AM	7:18 AM	<b>47 Evaluating the Impact of Preoperative Planning on Patient Satisfaction and Clinical Outcomes in Reverse Total Shoulder Arthroplasty</b> Aghdas Movassaghi, BS Elizabeth Chan, BS Justin Childers, MS Benjamin Lack, BS Sina Ramtin, MD Roya Osswald *Jocelyn Lubert, MD Vani J Sabesan, MD	Grand Rapids, MI Lillington, NC Boca Raton, FL Boca Raton, FL Columbus, OH Gainesville, FL Atlantis, FL Atlantis, FL
7:19 AM	7:22 AM	<b>48 How Patient-Specific Risk Factors Affect Functional Recovery after Reverse Shoulder Arthroplasty</b> *Aghdas Movassaghi, BS Antonio Da Costa, BS Matthew McKinley, MBA Jacob Calpey, BS Jake Goguen, BS Garrett Jackson, MD Jocelyn Lubert, MD Howard Routman, DO Vani J. Sabesan, MD	Grand Rapids, MI Boca Raton, FL Davie, FL Boca Raton, FL Boca Raton, FL Columbia, MO Atlantis, FL Atlantis, FL Atlantis, FL
7:23 AM	7:28 AM	<b>FLOOR DISCUSSION</b>	



7:01 AM	7:06 AM	<b>FLOOR DISCUSSION</b>	
7:07 AM	7:10 AM	<b>53 Evaluating Outcomes and Return to Sport of Ulnar Collateral Ligament Injuries in Wrestlers</b>	
		Richard J. VanTienderen, DO	Iowa City, IA
		*Eli S. Gregory, BS	Iowa City, IA
		Brandon J. Marshall, MD	Iowa City, IA
		Shannon Ortiz, MPH	Iowa City, IA
		Brian R. Wolf, MD	Iowa City, IA
		Robert Westermann, MD	Iowa City, IA
7:11 AM	7:14 AM	<b>54 Comparable Long-term Patient-Reported Outcomes Between One-Stage and Two-Stage Revision Anterior Cruciate Ligament (ACL) Reconstruction</b>	
		*Hawraa Al Janabi	Columbus, OH
		David Clint Flanigan, MD	Columbus, OH
		Robert Magnussen, MD	Columbus, OH
		Tyler Barker, PhD	Columbus, OH
		Christopher Kaeding, MD	Columbus, OH
		Nicholas Apsehoff, MD	Columbus, OH
7:15 AM	7:18 AM	<b>55 Meniscus Coverage of Lateral Femoral Condyle Lesions Demonstrate Excellent Outcomes with Non-Operative Management in Patellofemoral Instability</b>	
		*Kevin Jurgensmeier, MD	Rochester, MN
		Zachary Reuter, MD	Rochester, MN
		Gavin H. Ward, BA	Rochester, MN
		Xuankang Pan, MD	Rochester, MN
		Mario Hevesi, MD PhD	Rochester, MN
		Aaron J. Krych, MD	Rochester, MN
		Adam J. Tagliero, MD	Rochester, MN
7:19 AM	7:22 AM	<b>56 Evaluating Performance Testing Measures Using Limb Symmetry Index: Return to Sport Outcomes Following Medial Patellofemoral Ligament Reconstruction</b>	
		Louis S. Kang, BS	Rochester, MN
		Gavin Holbrook Ward, BA	Rochester, MN
		Andrew J. Johnson, DPT	Rochester, MN
		Dylan J. Gibson, DPT	Rochester, MN
		*Rakan R. Alshaibi, BS	Rochester, MN
		John J. Kelly, MD	Rochester, MN
		Daniel B. F. Saris, MD, PhD	Rochester, MN
		Mario Hevesi, MD, PhD	Rochester, MN
		Aaron J. Krych, MD	Rochester, MN
		Adam J. Tagliero, MD	Rochester, MN
7:23 AM	7:28 AM	<b>FLOOR DISCUSSION</b>	

**E-POSTER SESSION #8  
 FOOT & ANKLE**

ROOM: AZALEA DEF

MODERATOR: **Jacob Markel, MD**  
 Grand Rapids, MI

- |         |         |                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                |
|---------|---------|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 6:45 AM | 6:48 AM | 57                      | <p><b>Epidemiology and Management of Adult Lisfranc Injuries in the United States: A 10-Year Analysis of 21,964 Cases</b></p> <p>Parshva A. Sanghvi, BS<br/>                 Robert Burkhart, MD<br/>                 *Rayyan Abid, BS<br/>                 Andrew Moyal, MD<br/>                 Jeremy Adelstein, MD<br/>                 Alexander Berk, MD<br/>                 Joshua Napora, MD</p>                                                                                                                                                            | <p>Cleveland, OH<br/>                 Cleveland, OH<br/>                 Cleveland, OH<br/>                 Cleveland, OH<br/>                 Cleveland, OH<br/>                 Cleveland, OH<br/>                 Cleveland, OH</p>                                                                                                                         |
| 6:49 AM | 6:52 AM | 58                      | <p><b>Perioperative Outcomes Following Open vs. Closed Geriatric Ankle Fractures: A Large, Propensity-Matched Cohort Study</b></p> <p>Logan M. Good, MD<br/>                 Alexander N. Berk, MD<br/>                 Cyrus Eghtedari, BS<br/>                 Samuel A. Florentino, MD<br/>                 Jeremy M. Adelstein, MD<br/>                 George Ochenjele, MD<br/>                 Robert J. Wetzal, MD<br/>                 Joshua K. Napora, MD<br/>                 Ankit Hirpara, MD<br/>                 *Leonardo Albertini Sanchez, MD</p> | <p>Cleveland, OH<br/>                 Cleveland, OH<br/>                 Cleveland, OH<br/>                 Cleveland, OH<br/>                 Cleveland, OH<br/>                 Cleveland, OH<br/>                 Cleveland, OH<br/>                 Cleveland, OH<br/>                 Cleveland, OH<br/>                 Cleveland, OH</p>                |
| 6:53 AM | 6:56 AM | 59                      | <p><b>A 24-Year Review of Treatment Outcomes in Children with Clubfoot Accompanied by VACTERL Association</b></p> <p>*Ayana Fairweather, BS<br/>                 Rusty Hartman, MS<br/>                 Amy Mcintosh, MD<br/>                 Anthony Riccio</p>                                                                                                                                                                                                                                                                                                     | <p>Dallas, TX<br/>                 Dallas, TX<br/>                 Dallas, TX<br/>                 Dallas, TX</p>                                                                                                                                                                                                                                              |
| 6:57 AM | 7:00 AM | 60                      | <p><b>What is the Mean Achilles Tendon Total Rupture Score (ATRS) in a Healthy Population?</b></p> <p>Steven M. Hadley, Jr., BA<br/>                 Rom Brown, BS<br/>                 Sarah J. Westvold, MPH<br/>                 Augustus Demanes, MD<br/>                 Clayton Welsh, MD<br/>                 Stephen Gryzlo, MD<br/>                 Michael Terry, MD<br/>                 Vehniah K. Tjong, MD<br/>                 Milap Patel, DO<br/>                 Anish R. Kadakia, MD<br/>                 *Rachel F. Bergman, MD</p>              | <p>Chicago, IL<br/>                 Chicago, IL<br/>                 New Haven, CT<br/>                 Chicago, IL<br/>                 Chicago, IL<br/>                 Chicago, IL<br/>                 Chicago, IL<br/>                 Chicago, IL<br/>                 Chicago, IL<br/>                 Chicago, IL<br/>                 Chicago, IL</p> |
| 7:01 AM | 7:06 AM | <b>FLOOR DISCUSSION</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                |

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|---------|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 7:07 AM | 7:10 AM | <b>61 Validity of Automated 3D Joint Space Narrowing Assessment from Weightbearing CT after Ankle Fracture Reconstruction</b><br>*Kevin N. Dibbern, PhD<br>Jonathan C. Kraus, MD<br>Gerald F. Harris, PhD, PE<br>Karen M. Kruger, PhD                                                                                                                 | Omaha, NE<br>Milwaukee, WI<br>Milwaukee, WI<br>Milwaukee, WI                                                                                                   |
| 7:11 AM | 7:14 AM | <b>62 Restricting Access to Care by Using Body Mass Index as Eligibility Criteria for Total Ankle Arthroplasty</b><br>*Madison M. Balagtas, BS<br>Nicole E. Huang, MD<br>Ryan C. LeDuc, MD<br>Nnadozie R. Ekweariri, MD<br>Michael S. Pinzur, MD<br>Kamran S. Hamid, MD<br>Adam P. Schiff, MD                                                         | Maywood, IL<br>Maywood, IL<br>Maywood, IL<br>Maywood, IL<br>Maywood, IL<br>Maywood, IL<br>Maywood, IL                                                          |
| 7:15 AM | 7:18 AM | <b>63 Does Resilience Correlate with Mental Health Following Flexor Hallucis Longus Transfer for Achilles Pathologies?</b><br>Simon P. Lalehzarian, MD, MHA, MS<br>Garrett J. Jebeles, BS<br>Marc H. Bernstein, MD MS<br>Tyler N. Kelly, MD<br>LaMiah Hall, MD<br>Binam Shrestha, MBBS<br>Payal Gupta, MBBS<br>Fabio Pencle, MD<br>*Apurv Gabrani, MD | Birmingham, AL<br>Birmingham, AL<br>Birmingham, AL<br>Birmingham, AL<br>Birmingham, AL<br>Birmingham, AL<br>Birmingham, AL<br>Birmingham, AL<br>Birmingham, AL |
| 7:19 AM | 7:22 AM | <b>64 A 20-Year Review of Long-Term Treatment Outcomes in Children with Arthrogyrotic Clubfoot</b><br>*Rusty Hartman, MS<br>Ayana Fairweather, BS<br>Anthony I. Riccio, MD<br>Amy McIntosh, MD<br>William Morris, MD                                                                                                                                  | Dallas, TX<br>Dallas, TX<br>Dallas, TX<br>Dallas, TX<br>Dallas, TX                                                                                             |
| 7:23 AM | 7:28 AM | <b>FLOOR DISCUSSION</b>                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                |



7:26 AM	7:29 AM	70	<b>The Use of Thumb Interphalangeal Joint Fusion for Restoration of Pinch in Ulnar Nerve Palsy</b>	*Lauren E. Tagliero, MD Nicholas Pulos, MD Alexander Y. Shin, MD	Rochester, MN Rochester, MN Rochester, MN
7:30 AM	7:33 AM	71	<b>Evaluating the Efficacy of Amniotic Membrane Sheaths in Flexor Tendon Repair: A Retrospective Analysis of Postoperative Outcomes</b>	*Emma Roccaforte Lachlan F. Anderson, BS Arin Drtil, MD Salman Isa, BS William Pientka, MD	Fort Worth, TX Fort Worth, TX Fort Worth, TX Fort Worth, TX Fort Worth, TX
7:34 AM	7:39 AM	<b>FLOOR DISCUSSION</b>			
7:40 AM	7:43 AM	72	<b>Distal Radius Volar Shear Fractures: A Computed Tomography Classification and Analysis</b>	*Eric J. Gullborg, MS Farhan Ahmad, MD Caitlin M. Ward, MD Alexander L. Hornung, MD Xavier C. Simcock, MD	Chicago, IL Chicago, IL Chicago, IL Chicago, IL Chicago, IL
7:44 AM	7:47 AM	73	<b>Incidence, Fracture Type, Treatment and Complications of Pediatric Carpal Fractures: A 26-Year Review of 440 Pediatric Carpal Fractures</b>	*Kareme D. Alder, MD Meera M. Dhodapkar, MD, MHS Quinn J. Johnson, MD Alexander Y. Shin, MD Nicholas Pulos, MD	Rochester, MN Rochester, MN Rochester, MN Rochester, MN Rochester, MN
7:48 AM	7:51 AM	74	<b>A Systematic Review of the Efficacy of Smartphones in the Radiographic Interpretation of Upper Extremity Fractures</b>	*Etienne Flamant, MD Peter Cirrincione, MD Seth Roge Mark H. Gonzalez, MD, PhD Alfonso Mejia, MD, MPH	Chicago, IL Chicago, IL Chicago, IL Chicago, IL Chicago, IL
7:52 AM	7:55 AM	75	<b>Extensor Carpi Ulnaris Tenodesis for the Treatment of Refractory Instability &amp; Tendinopathy: A Clinical Case-Series</b>	Charles Nolte, BS Christopher Orear Matthew Belton, MD *Daniyaal Syed	Aurora, CO Aurora, CO Aurora, CO Aurora, CO
7:56 AM	8:00 AM	<b>FLOOR DISCUSSION</b>			

**E-POSTER SESSION #10  
 HIP & KNEE ARTHROPLASTY**

ROOM: AZALEA C

MODERATOR: **Nicolas O. Noiseux, MD, MS, FRCSC**  
 Iowa City, IA

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|---------|---------|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 7:00 AM | 7:03 AM | 76                      | <b>The Effect of Modifier-22 Coding on Reimbursement in Total Knee Arthroplasty and Total Hip Arthroplasty</b><br>Michael C. Marinier, MD<br>Aline Thiengmany, BS<br>Victoria C. Tappa, MS<br>Jacob M Elkins, MD, PhD<br>*Bison T. Woods, MD                                                                                                                        | Iowa City, IA<br>Iowa City, IA<br>Iowa City, IA<br>Iowa City, IA<br>Iowa City, IA                                                                                         |
| 7:04 AM | 7:07 AM | 77                      | <b>Comparative Outcomes of Dair with and without Modular Component Exchange for Acute Periprosthetic Joint Infection in THA</b><br>*Nicolas A. Selemo, MD<br>Lauren E. Teubner, BA<br>Brandon J. Yuan, MD<br>Rafael J. Sierra, MD<br>Nicholas A. Bedard, MD<br>Kevin I. Perry, MD<br>Cody C. Wyles, MD<br>Anthony C.J. Denovio, MD                                  | Rochester, MN<br>Rochester, MN<br>Rochester, MN<br>Rochester, MN<br>Rochester, MN<br>Rochester, MN<br>Rochester, MN<br>Rochester, MN                                      |
| 7:08 AM | 7:11 AM | 78                      | <b>Return to Work and Sport Following Direct Anterior Approach Total Hip Arthroplasty: A Prospective, Multicenter Study</b><br>Louis S. Kang, BS<br>Xuankang Pan, MD<br>Gavin H. Ward, BA<br>Sean C. Clark, MD<br>*Rana A. Ahmad, BS<br>Sandeep Yanamala, BA<br>Cory G. Couch, MD<br>Michael J. Taunton, MD<br>Luke S. Spencer-Gardner, MD<br>Mario Hevesi, MD, PhD | Rochester, MN<br>Rochester, MN<br>Rochester, MN<br>Rochester, MN<br>Rochester, MN<br>Rochester, MN<br>Rochester, MN<br>Rochester, MN<br>Jacksonville, FL<br>Rochester, MN |
| 7:12 AM | 7:15 AM | 79                      | <b>Debridement, Antibiotics, and Implant Retention for Synchronous Hip and Knee PJI: Comparable Rates of Re-infection to Single Joint PJI</b><br>Ajay Potluri, BS<br>Alexander J. Acuña, MD<br>Conor Jones, MD<br>E. Bailey Terhune, MD<br>Craig J. Della Valle, MD<br>*Enrico M. Forlenza MD                                                                       | Chicago, IL<br>Chicago, IL<br>Chicago, IL<br>Chicago, IL<br>Chicago, IL<br>Chicago, IL                                                                                    |
| 7:16 AM | 7:21 AM | <b>FLOOR DISCUSSION</b> |                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                           |

7:22 AM	7:25 AM	80	<b>Pediatric and Young Adult THA: What Can Patients Expect in 2025?</b> *Jordan Newby, MD Stephen Chenard Jacob Fox, MD Benjamin Wong Gregory Polkowski, MD Stephen Engstrom, MD John Ryan Martin, MD Courtney Baker, MD	Nashville, TN Nashville, TN Nashville, TN Nashville, TN Nashville, TN Nashville, TN Nashville, TN Nashville, TN
7:26 AM	7:29 AM	81	<b>An Update to the Leukocyte Correction Equation for Traumatic Aspiration in Total Joint Arthroplasty</b> Cale B. Dobson, BS Michael C. Marinier, MD Jacob S. Fisher, BS Bennett W. Feuchtenberger, MD Victoria C. Tappa, MS Jacob M. Elkins, MD, PhD *Reagan Grieser-Yoder	Iowa City, IA North Liberty, IA Iowa City, IA Madison, WI North Liberty, IA North Liberty, IA Iowa City, IA
7:30 AM	7:33 AM	82	<b>Improvement in PROMs Exceeds Clinically Relevant Thresholds after 2-Stage Revision THA for PJI</b> T. David Luo, MD PhD *Leonard T. Buller, MD Evan R. Deckard, BSE R. Michael Meneghini, MD	Fort Wayne, IN Indianapolis, IN Indianapolis, IN Indianapolis, IN
7:34 AM	7:39 AM	<b>FLOOR DISCUSSION</b>		
7:40 AM	7:43 AM	83	<b>PROMs After Two-Stage Knee Revision for PJI are Comparable to Aseptic Knee Revisions</b> *T. David Luo, MD, PhD Evan R. Deckard, BSE Leonard T. Buller, MD R. Michael Meneghini, MD	Fort Wayne, IN Indianapolis, IN Indianapolis, IN Indianapolis, IN
7:44 AM	7:47 AM	84	<b>Weight Loss Method Before Total Joint Arthroplasty: Is Bariatric Surgery, GLP-1s, or Diet and Exercise Best?</b> *Michael W. Seward, MD Zoe E. Postal, BA Jessica A. Grimm, MS Cam K. Ledford, MD Nicholas A. Bedard, MD Michael J. Taunton, MD Matthew P. Abdel, MD Charles P. Hannon, MD, MBA	Rochester, MN Rochester, MN Rochester, MN Jacksonville, FL Rochester, MN Rochester, MN Rochester, MN Rochester, MN Rochester, MN

7:48 AM	7:51 AM	<b>85 Decreased Reinfection Rate in Two-Stage Exchange Total Knee Arthroplasty for Prosthetic Joint Infection with Use of Intraosseous Vancomycin</b>	
		*Kwan J. Park, MD	Houston, TX
		Jennifer W. Liu, MD	Houston, TX
		Colin A. McNamara, MD, MBA	Miami, FL
		Thomas C. Sullivan, BS	Houston, TX
		Austin E. Winger, MD	Houston, TX
		Timothy S. Brown, MD	Houston, TX
		Terry A. Clyburn, MD	Houston, TX
		Stephen J. Incavo, MD	Houston, TX
7:52 AM	7:55 AM	<b>86 High Rate of Vascular Injury and Mortality for Acute Total Knee Arthroplasty Dislocations: A Case Series</b>	
		*Alex J. Demers , MD	Iowa City, IA
		Michael C. Marinier, MD	Iowa City, IA
		Victoria C. Tapppa, MS	Iowa City, IA
		Caleb McCabe, BS	Iowa City, IA
		Ana V. Figueroa, BS	Iowa City, IA
		Jacob M. Elkins, MD	Iowa City, IA
7:56 AM	8:00 AM	<b>FLOOR DISCUSSION</b>	

**E-POSTER SESSION #11  
 TRAUMA**

ROOM: AZALEA A

MODERATOR: **Steven M. Cherney, MD**  
 Milwaukee, WI

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|---------|---------|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| 7:00 AM | 7:03 AM | 87                      | <b>Biomechanical Strength and Fatiguability of Various Fixation Strategies for U-Type Sacral Insufficiency Fractures</b><br>*Grant M. Quilling, MD<br>Steve M. Cherney, MD                                                                                                                                         | Milwaukee, WI<br>Milwaukee, WI                                                                                                          |
| 7:04 AM | 7:07 AM | 88                      | <b>Pre-Existing Alcohol Use Disorder Is Associated with Worse Postoperative Mental Health Outcomes Following Femur Fracture Repair</b><br>*Haad A. Arif, MD<br>Prabh P. Singh, BS<br>Virginia Galbraith, MBA<br>Shameek Mitra, BS<br>Gerald McGwin, PhD<br>Abdul Aladroos, BS<br>Carol Lin, MD<br>Joey Johnson, MD | Birmingham, AL<br>Riverside, CA<br>Boulder, CO<br>Riverside, CA<br>Birmingham, AL<br>Riverside, CA<br>Los Angeles, CA<br>Birmingham, AL |
| 7:08 AM | 7:11 AM | 89                      | <b>Outcomes after Operative Fixation of a Bilateral Anterior-Posterior Compression Type 3 (Apc-3) Pelvic Ring Injury in A 3-Year-Old with A Dysmorphic Pelvis</b><br>Seth A. Tarrant, MD<br>Zane D. Littell, MD<br>Bradley R. Dart, MD<br>Chad M. Corrigan, MD<br>*Matthew G. Van Engen, MD                        | Wichita, KS<br>Wichita, KS<br>Wichita, KS<br>Wichita, KS<br>Wichita, KS                                                                 |
| 7:12 AM | 7:15 AM | 90                      | <b>Neighborhood Deprivation Drives Peri-Operative Transfusion after Hip Fracture Nailing: A Multicenter Adi-Based Analysis</b><br>*Martin J. Weaver, MD<br>Simarjeet Puri, MD<br>Usher Khan, BS<br>Adam Fahs, MD<br>Alan Afsari, MD<br>Benjamin Best, DO                                                           | Detroit, MI<br>Detroit, MI<br>Detroit, MI<br>Detroit, MI<br>Detroit, MI<br>Detroit, MI                                                  |
| 7:16 AM | 7:21 AM | <b>FLOOR DISCUSSION</b> |                                                                                                                                                                                                                                                                                                                    |                                                                                                                                         |
| 7:22 AM | 7:25 AM | 91                      | <b>Surgical Outcomes of Posterior to Anterior Screw Fixation in Open Reduction and Internal Fixation of Posterior Malleolus Fractures</b><br>William E. Few, MD<br>*Miguel Jaramillo, MD<br>Jakob Oury MS<br>Michael Mullen MS<br>Ian S. Elliott MD                                                                | New Orleans, LA<br>New Orleans, LA<br>New Orleans, LA<br>New Orleans, LA<br>New Orleans, LA                                             |

7:26 AM	7:29 AM	92	<b>Does Complication Status Affect PROMIS Recovery after Surgical Fixation of Acetabular Fractures?</b>	
			Mary Jane McConnell, BS	Birmingham, AL
			Robin M. Litten, MS	Birmingham, AL
			Humza Bhatti, BS	East Lansing, MI
			Ryan N. McIlwain, BS	Birmingham, AL
			Decorian D. North, MD	Birmingham, AL
			Clay A. Spittler, MD	Birmingham, AL
			Joey P. Johnson, MD	Birmingham, AL
			M. Caleb Brock, MS	Birmingham, AL
			*Harrison Massie, MS	Birmingham, AL
7:30 AM	7:33 AM	93	<b>Higher Severity of Osteoarthritis is Associated with Lower Likelihood of Articular Extension in Distal Femur Fractures</b>	
			Jordan C. Serotte, MD	Chicago, IL
			Anjani Maley, BS	Chicago, IL
			*Janelle Herring	Chicago, IL
			Malik Scott, BS	Chicago, IL
			Michael Foy, MD	Chicago, IL
			Anthony Christiano, MD	Chicago, IL
			Gregory Schimizzi, MD, PhD	Chicago, IL
			Alexander Crespo, MD	Chicago, IL
			Mary Kate Erdman	Chicago, IL
7:34 AM	7:39 AM		<b>FLOOR DISCUSSION</b>	
7:40 AM	7:43 AM	94	<b>Nonunion &amp; Complication Rates in Ballistic vs. Blunt Pertrochanteric Femur Fractures</b>	
			Jordan C. Serotte, MD	Chicago, IL
			Kevin Chen, MD	Chicago, IL
			Julia Nascimben, BS	Chicago, IL
			Jason Strelzow, MD	St. Louis, MO
			*Spencer Brown, MD	Chicago, IL
7:44 AM	7:47 AM	95	<b>Risks of Intertrochanteric Femur Fracture versus Femoral Neck Fracture in the Setting of Arthritis</b>	
			*Ava VanDommelen, BS	Madison, WI
			Emmanuel O. Ebirim	Madison, WI
			Jacquelyn Dunahoe, MD	Madison, WI
			Paul S. Whiting, MD	Madison, WI
7:48 AM	7:51 AM	96	<b>Wait to Operate: Factors Impacting Orthopedic Trauma Operative Turnover Time (TOT)</b>	
			Gable Bert Moffitt, MD	Grand Rapids, MI
			Laura Krech, MPH	Grand Rapids, MI
			Steffen Pounders, BS	Grand Rapids, MI
			Elizabeth Steensma, MD	Grand Rapids, MI
			*Caleb Inman	Grand Rapids, MI

7:52 AM	7:55 AM	97 <b>What is the Rate of Occult Vascular Injury in High-Energy Tibial Plateau Fractures?</b>	
		Douglas Zhang, BA	Chicago, IL
		Jennifer Eurich, MD	Chicago, IL
		Gregory Schimizzi, MD, PhD	Chicago, IL
		Mary Kate Erdman, MD	Chicago, IL
		Anthony Christiano, MD	Chicago, IL
		*Jeffrey Blibo, BA	Chicago, IL
7:56 AM	8:00 AM	<b>FLOOR DISCUSSION</b>	

**E-POSTER SESSION #12  
SPORTS/ARTHROSCOPY**

ROOM: AZALEA B

MODERATOR: **Derrick M. Knapik, MD**  
St. Louis, MO

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|---------|---------|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 7:00 AM | 7:03 AM | 98  | <b>Biopsy to Implantation: Predictors and Utilization Trends of Matrix-Induced Autologous Chondrocyte Implantation in Knee Cartilage Repair</b><br>Louis S. Kang, BS<br>Jason G. Ina, MD<br>Rakan R. Alshaibi, BS<br>Rana A. Ahmad, BS<br>Jacob D. Mikula, MD<br>Christopher Nagelli, MD<br>Adam J. Tagliero, MD<br>Mario Hevesi, MD, PhD<br>Aaron J. Krych, MD<br>Daniel B. F. Saris, MD, PhD<br>*Jan Eric Rohdenburg, BS | Rochester, MN<br>Rochester, MN<br>Rochester, MN<br>Rochester, MN<br>Rochester, MN<br>Rochester, MN<br>Rochester, MN<br>Rochester, MN<br>Rochester, MN<br>Rochester, MN<br>Rochester, MN |
| 7:04 AM | 7:07 AM | 99  | <b>PULLED</b>                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                         |
| 7:08 AM | 7:11 AM | 100 | <b>Inter-Observer and Intra-Observer Reliability for Measurements of Posterior Tibial Slope, Anterior Tibial Translation and Femorotibial Rotation Utilizing Weight-Bearing CT In Non-Injured and ACL Reconstructed Knees</b><br>*Richard J. VanTienderen, DO<br>Tyce Marquez, MS<br>Bruno Butturi Varone, MD<br>Shannon F. Ortiz, MPH<br>Don D. Anderson, PhD<br>Renata Vidal Leao Sanford, MD<br>Brian R. Wolf, MD, MS   | Iowa City, IA<br>Iowa City, IA<br>Sao Paulo, Brazil<br>Iowa City, IA<br>Iowa City, IA<br>Iowa City, IA<br>Iowa City, IA                                                                 |

7:12 AM	7:15 AM	101	<b>Return to Soccer after Hip Arthroscopy for Femoroacetabular Impingement: Minimum 2.5-Year Follow-Up</b>	
			Louis Kang, BS	Rochester, MN
			*John-Rudolph Smith, MD	Rochester, MN
			Gavin H. Ward, B.A.	Rochester, MN
			Rana A. Ahmad, BS	Rochester, MN
			Sandeep Yanamala, BA	Rochester, MN
			Jacob D. Mikula, MD	Rochester, MN
			Bruce A. Levy, MD	Orlando, FL
			Mario Hevesi, MD, PhD	Rochester, MN
			Aaron J. Krych, MD	Rochester, MN
			Kelechi Okorooha, MD	Rochester, MN
7:16 AM	7:21 AM		<b>FLOOR DISCUSSION</b>	
7:22 AM	7:25 AM	102	<b>Insights into Worldwide Total Joint Arthroplasty Registries: A Review and Analysis of Data Capture and Procedure Volume</b>	
			Noah Hodson, MD	Detroit, MI
			Mazen Zamzam, BS	Detroit, MI
			Ali Mehaidli, MD	Detroit, MI
			Alexander Driessche, MSE	Detroit, MI
			Cassandra Keinath, MD	Detroit, MI
			*Aaron Pang, MD	Detroit, MI
			Trevor North, MD	Detroit, MI
			Michael Charters, MD	Detroit, MI
7:26 AM	7:29 AM	103	<b>Outcomes of Latarjet and Distal Tibial Allograft Reconstruction for Glenohumeral Instability in Patients with Seizure Disorders: A Comparative Matched-Pair Analysis</b>	
			Brandon Cabarcas, MD	Rochester, MN
			Sanathan Iyer, MS	Rochester, MN
			Bassem Elhassan, MD	Boston, MA
			Aaron J. Krych, MD	Rochester, MN
			John M. Tokish, MD	Phoenix, AZ
			Jonathan D. Barlow, MD	Rochester, MN
			Christopher L. Camp, MD	Rochester, MN
			Joaquin Sanchez-Sotelo, MD, PhD	Rochester, MN
			*Sandeep Yanamala, BA	Rochester, MN
7:30 AM	7:33 AM	104	<b>A Matched-Pair Analysis of Concomitant Anterior and Posterior Cruciate Ligament Reconstruction With and Without Independent Suture Tape Augmentation</b>	
			Adam J. Tagliero, MD	Rochester, MN
			Brandon Cabarcas, MD	Rochester, MN
			Sanathan Iyer, MS	Rochester, MN
			Daniel B. F. Saris, MD, PhD	Rochester, MN
			John Kelly, MD	Rochester, MN
			Rana Ahmad, BS	Rochester, MN
			Rakan Alshaibi, BS	Rochester, MN
			*Emma E. Helgeson, BS	Rochester, MN
			Aaron J. Krych, MD	Rochester, MN
			Bruce A Levy, MD	Rochester, MN
7:34 AM	7:43 AM		<b>FLOOR DISCUSSION</b>	

		105	<b>PULLED</b>	
7:44 AM	7:47 AM	106	<b>Autograft vs. Allograft Medial Patellofemoral Ligament Reconstruction in Adolescent Patients: Comparable Patient-Reported Outcomes but Lower Failure Rates with Autograft</b>	
			Garrett R. Jackson, MD	Columbia, MO
			Rhett Wakefield	Columbia, MO
			Steven F. DeFroda, MD	Columbia, MO
			*Colton C. Mowers	Columbia, MO
7:48 AM	7:51 AM	107	<b>Ankle and Achilles Injuries in the National Basketball Association, 2020-2021 Through 2024-2025</b>	
			Simon P. Lalehzarian, MD, MHA, MS	Birmingham, AL
			Garrett Jebeles, BS	Birmingham, AL
			LaMiah Hall, MD, MPH	Birmingham, AL
			Tyler Kelly, MD	Birmingham, AL
			Marc D. Dunwody, BS	Birmingham, AL
			Binam Shrestha, MBBS	Birmingham, AL
			Payal Gupta, MBBS	Birmingham, AL
			Apurv Gabrani, MD	Birmingham, AL
			Ashish B. Shah, MD, FAOA, FAAOS	Birmingham, AL
			*Joseph Dekle	Birmingham, AL
7:52 AM	7:55 AM	108	<b>Trend of Lateral Extra-Articular Tenodesis Utilization in Anterior Cruciate Ligament Reconstruction and Clinical Outcomes at A Single Academic Center</b>	
			*Joseph M. Rund, MD	Iowa City, IA
			Elle McCormick, MD	Iowa City, IA
			Brian W. Wolf, MD, MS	Iowa City, IA
			Robert W. Westermann, MD	Iowa City, IA
7:56 AM	8:00 AM		<b>FLOOR DISCUSSION</b>	