

**Western Orthopaedic Association
Scientific Program
Grand Ballrooms 1,6 & 7
Kauai, HI
July 31st – August 2nd, 2025**

Thursday, July 31st

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|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 6:15 am – 7:15 am | Scientific Poster (<i>Grand Promenade</i>)
(Presenters are available to answer questions) |
| 6:15 am – 7:15 am | Scientific E-Poster Session (<i>Kauai Ballrooms 1, 2, 3, 4 & 6</i>)
(Presenters are available to answer questions) |
| 7:00 am – 7:10 am | First Business Meeting |
|
Rapid Fire Session 1A – Trauma (<i>Kauai Ballroom 2</i>)
Moderators: Graham DeKeyser, MD, <i>Oregon Health & Science University</i>
John A. Scolaro, MD, MA, <i>University of California, Irvine</i> | |
| 7:15 am – 7:19 am | 473 - Step Counts Recorded 3 Months Postoperatively Predict Nonunion
<i>Dane Brodke, MD, MPH, Oregon Health & Science University</i> |
| 7:19 am – 7:23 am | 461 - One Year Analysis of PROMs for Novel Transfemoral Osseointegrated Prostheses
<i>Amy M. Cizik, PhD, MPH, University of Utah</i> |
| 7:23 am – 7:27 am | 252 - Methamphetamines and Outcomes in Lower Extremity Trauma
<i>Christopher Collins, BA, Loma Linda Orthopedic Surgery</i> |
| 7:27 am – 7:30 am | Discussion |
| 7:30 am – 7:34 am | 445 - Debridement of Ballistic Pelvic Fractures with Projectile Trajectory Entering Bowel Prior to Bone Results in Low Deep Infection Rates: a Multicenter Assessment
<i>Andrew P. Collins, MD, University of Washington</i> |
| 7:34 am – 7:38 am | 308 - Patient-Reported Cannabis Use Increased Opioid Requirements Following Tibia Intramedullary Fixation |

Brandi A. Krieg, MD, University of Colorado

7:38 am – 7:42 am 650 - Does Anterior Fixation Reduce Pain and Opiate Use for LC Injuries
Pranit Kumaran, BS, Keck School of Medicine of USC

7:42 am – 7:45 am Discussion

Rapid Fire Session 1B – Total Knee (Kauai Ballroom 3)

Moderators: Nathanael D. Heckmann, MD, *Keck School of Medicine of USC*
 Theodore L. Stringer, MD, *Colorado Springs Orthopaedic Group*

7:15 am – 7:19 am 137 - Achieving Balance with Restricted Inverse Kinematic Alignment in Robotic-Assisted TKA
Regina Chi, BS, Cedars-Sinai Medical Center

7:19 am – 7:23 am 138 - Valgus Knees Require Releases and Exhibit Instability Despite Robotic-Assisted TKA
Regina Chi, BS, Cedars-Sinai Medical Center

7:23 am – 7:27 am 56 - Does Navigation or Robotics Improve Mid-Term Outcomes Following Primary TKA?
Alexa Pius, MD, Stanford University

7:27 am – 7:30 am Discussion

7:30 am – 7:34 am 519 - Outcomes After Total Knee Arthroplasty Using Mixed Reality, A Novel Technology
Kevin Y. Zhu, MD, University of California, San Diego

7:34 am – 7:38 am 167 - Delaying DOACs Reduces Bleeding Without Increasing VTE Risk Following TKA
McKenzie Culler, BA, Keck School of Medicine of USC

7:38 am – 7:42 am 623 - Post-TKA ROM Correlates with Gait Kinematic Data from Internal Stem
Damien Cannon, MD, Loma Linda University
**Presented by Tate Cowley, MD*

7:42 am – 7:45 am Discussion

Rapid Fire Session 1C – Foot and Ankle (Kauai Ballroom 4)

Moderators: Daniel K. Moon, MD, MS, MBA, *University of Colorado*
 Todd S. Kim, MD, *Palo Alto Foundation Medical Group and Sutter Health*

7:15 am – 7:19 am	44 - Diagnosis and Management of Deltoid Ligament Injuries in Chronic Ankle Instability <i>Amanda Anderson, MD, University of California Irvine</i> <i>*Presented by Christen E. Chalmers, MD</i>
7:19 am – 7:23 am	269 - NSAID Use Increases Odds of Nonunion After Subtalar Arthrodesis <i>Jens Verhey, MD, Mayo Clinic Arizona</i>
7:23 am – 7:30 am	Discussion
7:30 am – 7:34 am	290 - Critical Bone Defect & Deformity Correction with a 3D Printed Cage <i>Jacob Priester, MD, UC Davis Medical Center</i>
7:34 am – 7:38 am	716 - Impact of Opioid/Glucocorticoid Use on Hallux Valgus Surgical Complications <i>Kerollos Ibrahim, Rothman Orthopedic Institute, Orlando</i>
7:38 am – 7:45 am	Discussion

Rapid Fire Session 1D – Upper Extremity Fractures (Kauai Ballroom 6)

Moderators: Julius A. Bishop, MD, *Stanford University*
Lindsay S. Urband, MD, *San Diego Hand Specialists*

7:15 am – 7:19 am	514 - SIGN Standard and Fin Nails Provide Comparable Outcomes for Humeral Shaft Fractures in LMICs <i>Syed Ali, BS, University of California, San Francisco</i> <i>*Presented by Saam Morshed MD, PhD, MPH</i>
7:19 am – 7:23 am	199 - Do We Need Such Large Implants on the Diaphyseal Ulna? <i>Jody M. Law, MD, Stanford University</i>
7:23 am – 7:27 am	289 - Functional Bracing of Humerus Fractures: Do Post-Brace Radiographs Predict Outcomes? <i>Jacquelyn P. Cruz, MD, Stanford University</i>
7:27 am – 7:30 am	Discussion
7:30 am – 7:34 am	442 - Assessing Olecranon Fracture Fixation <i>Nathan Hoekzema, MD, University of California, San Francisco</i> <i>*Presented by Deana Mercer, MD</i>

7:34 am – 7:38 am 444 - Quantifying Extensor Tendon and Joint Involvement
in Phalangeal IM Fixation
Julie Mekhail, BS, MS, Brigham and Women's Hospital
**Presented by Deana Mercer, MD*

7:38 am – 7:42 am 578 - Implant-Specific Outcomes in Isolated Greater
Tuberosity Fracture Fixation
Evan Paschal Arnold, MD, Harbor-UCLA Medical Center

7:42 am – 7:45 am Discussion

Rapid Fire Session 1E – Basic Science (Kauai Ballroom 1)

Moderators: David H. Chafey III, MD, *University of New Mexico*
 R. Lor Randall, MD, *University of California, Davis*

7:15 am – 7:19 am 360 - Comparing the Efficacy of Commonly Used Surgical
Irrigants
Christopher D. Hamad, MD, University of California Los Angeles

7:19 am – 7:23 am 281 - Combination Gene Therapy with BMP-2 and Shh
Enhances Bone Healing
Jacob Ball, MD, University of Southern California

7:23 am – 7:27 am 55 - Prednisolone Affects Stem Cell Viability and Function
in 3D Culture
Alexa Pius, MD, Stanford University

7:27 am – 7:30 am Discussion

7:30 am – 7:34 am 26 - Dental Composite Offers Comparable or Greater
Pullout and Shear Strength to Lateral Mass Screw Fixation
in a Human Cadaveric Model
Harsh Wadhwa, BS, Stanford University

7:34 am – 7:38 am 229 - Three-Dimensional Printed PLA Cancellous Bone
Models for Biomechanical Testing
*Omar Manzur, MD, University of Texas Southwestern
Medical Center*

7:38 am – 7:42 am 77 - Sex-Based Differences in Hip Synovium Gene
Expression in Femoroacetabular Impingement
*Stephanie E. Wong, MD, University of California, San
Francisco*

7:42 am – 7:45 am Discussion

7:50 am – 7:55 am	Welcome, Announcements and Overview <i>Basil R. Besh, MD, FORM Hand, Wrist & Elbow Institute</i> <i>Kathryn L. Schabel, MD, Oregon Health & Science University</i> <i>Jennifer M. van Warmerdam, MD, UCSF Health St. Mary's Hospital</i>
7:55 am – 8:25 am	Focused Breakfast Presentation <i>*CME Credit not available</i>
8:25 am – 8:45 am	Break – Please visit exhibits (Grand Ballrooms 2, 3 & 4)
8:50 am – 8:55 am	Welcome, Announcements and Overview <i>Basil R. Besh, MD, FORM Hand, Wrist & Elbow Institute</i> <i>Kathryn L. Schabel, MD, Oregon Health & Science University</i> <i>Jennifer M. van Warmerdam, MD, UCSF Health St. Mary's Hospital</i>
Symposium 1 – Orthopedic Organizations: Then, Now, Forever? Moderator: Basil R. Besh, MD, <i>FORM Hand, Wrist & Elbow Institute</i> <i>*CME Credit Not Available</i>	
8:55 am – 9:07 am	History of the WOA <i>Theodore L. Stringer, MD, Colorado Springs Orthopaedic Group</i>
9:07 am – 9:19 am	History of the OREF <i>Richard F. Santore, MD, University of California, San Diego</i>
9:19 am – 9:31 am	History of the AAOS <i>Ramon L. Jimenez, MD, Salinas, CA</i>
9:31 am – 9:43 am	History of the BOC <i>Edward A. Toriello, MD, Jamaica, NY</i>
9:43 am – 9:55 am	AMA Perspective of Orthopaedics <i>Michael Suk, MD, JD, MPH, MBA, American Medical Association</i>
General Session 1 – Presidential Guest Speaker Moderator: Basil R. Besh, MD, <i>FORM Hand, Wrist & Elbow Institute</i>	
9:55 am – 10:35 am	Leadership and Diversity

Mary I. O'Connor, MD, Vori Health

10:35 am – 10:55 am

Break – Please visit exhibits (Grand Ballrooms 2, 3 & 4)

Concurrent Session 1A – Resident Symposia (Grand Ballrooms 1, 6 & 7)

Moderator: David H. Chafey III, MD, *University of New Mexico*

**CME Credit not available*

11:00 am – 12:00 pm

Panel: David H. Chafey III, MD, *University of New Mexico*

Alexandra K. Callan, MD, *UT Southwestern Medical Center*

Robert Dunbar, MD, *Harborview Medical Center*

Deana Mercer, MD, *University of New Mexico*

Rosalyn Nguyen, JD, MBA, *Presbyterian Healthcare Services*

Concurrent Session 1B – Sports Knee (Grand Ballroom 5)

Moderator: Ronald A. Navarro, MD, *Kaiser Permanente*

11:00 am – 11:12 am

The Best Current X-Ray Knee DJD Classification
Omer A. Ilahi, MD, *SouthWest Orthopedic Group*

11:12 am – 11:24 am

OCA (Osteochondral Allograft) in Knee Joint Restoration:
How to Maximize Results in 2025
Thomas M. DeBerardino, MD, *UT Health San Antonio*

11:24 am – 11:36 am

Multi-Ligament Knee Reconstruction: The Role of
Concomitant Osteotomy
George F. Rick Hatch III, MD, *Keck School of Medicine of USC*

11:36 am – 11:48 am

Meniscal Root Repair and Newer Thinking
Nima Mehran, MD, *M|M Orthopaedics*

11:48 am – 12:00 pm

Discussion

Concurrent Session 1C – Foot & Ankle (Garden Isles 4 & 5)

Moderator: Bopha Chrea, MD, *University of Iowa*

11:00 am – 11:15 am

This Post-Op XR Doesn't Look Right: What Do I Do?
James E. Meeker, MD, *Oregon Health & Science University*

11:15 am – 11:30 am

Calcaneus Fractures: What the Last 15 Years Has Taught Us

Daniel K. Moon, MD, MS, MBA, University of Colorado

11:30 am – 11:45 am Why Does Foot Structure Matter? Its Impact in Ankle and 5th Metatarsal Fractures
Bopha Chrea, MD, University of Iowa

11:45 am – 12:00 pm Discussion

12:05 pm – 12:35 pm **Focused Lunch Presentation**
**CME Credit not available*

General Session 2 – Board Reports

Moderator: Basil R. Besh, MD, *FORM Hand, Wrist & Elbow Institute*
**CME Credit not available*

12:35 pm – 12:40 pm OREF Report
Lee Grossman, OREF

12:40 pm – 12:55 pm AAOS Report
Annuziato Ned Amendola, MD, Duke University

12:55 pm – 1:05 pm WOF Report
Robert F. McLain, MD, Enumclaw, WA

Symposium 2 – Surgeon Preservation

Moderator: Jennifer M. Weiss, MD, *Shriners Children's Southern California*

1:05 pm – 1:15 pm Corporatized Medicine and Moral Injury
Jennifer M. Weiss, MD, Shriners Children's Southern California

1:15 pm – 1:25 pm Physician, Heal Thyself: Recovery from Second Victim Syndrome
Selina Poon, MD, MPH, Shriners Children's

1:25 pm – 1:35 pm Surgeon Preservation
David Skaggs, MD, Cedars-Sinai Medical Center

1:35 pm – 1:45 pm Burnout
Ramon L. Jimenez, MD, Salinas, CA

1:45 pm – 1:55 pm Physician Wellbeing: What Can the Hospital do to Help Our Medical Staff?
Melissa Christino, MD, Boston Children's Hospital

1:55 pm – 2:05 pm Discussion

2:05 pm – 2:25 pm

Break – Please visit exhibits (Grand Ballrooms 2, 3 & 4)

General Session 3 – Junior Investigator & Research Award Winners

Moderators: Kathryn L. Schabel, MD, *Oregon Health & Science University*
Jennifer M. van Warmerdam, MD, *UCSF Health St. Mary's Hospital*

2:25 pm – 2:31 pm

166 - Delaying DOACs Reduces Bleeding Without Increasing VTE Risk Following THA
Nathanael D. Heckmann, MD, Keck School of Medicine of USC

2:31 pm – 2:37 pm

254 - Anterior Cruciate Ligament Autograft Outcomes: A Cohort Study of 27,715 Patients
Colin Mansfield, MD, Kaiser Permanente, TPMG: Drexel University College of Medicine

2:37 pm – 2:43 pm

497 - Trends and Risk Factors in Revision Total Hip Arthroplasty
Ashish Mittal, MD, Mountain View Center

2:43 pm – 2:49 pm

Discussion

2:49 pm – 2:59 pm

First Place Research Award
Tibia Fracture and Blast Injury to Porcine Limb Generates Extremity Compartment Syndrome
Justin Haller, MD, University of Utah

2:59 pm – 3:09 pm

Second Place Research Award
Radiographic Outcomes of Müller-Weiss Patients after Central Column Restoration with Structural Allograft
Daniel K. Moon, MD, MS, MBA, University of Colorado

3:09 pm – 3:19 pm

Third Place Research Award
Poor Clinical Outcomes Following Total Knee Arthroplasty-Associated Revision Extensor Mechanism Allograft Reconstruction
Edward J. McPherson, MD, University of California, Los Angeles

3:19 pm – 3:25 pm

Discussion

Rapid Fire Session 2A – Sports Medicine (Kauai Ballroom 2)

Moderators: Christopher L. Shultz, MD, *University of New Mexico*
Dean Wang, MD, *University of California, Irvine*

3:30 pm – 3:34 pm	215 - An Analysis of Patellofemoral Deformity Correction: 2D vs. 3D Modeling <i>Andrew Dobitsch, MD, University of Southern California</i>
3:34 pm – 3:38 pm	492 - Tibiofemoral Bone Shape Differs in Medial and Lateral Meniscus Tears <i>Justin Lau, BS, University of California, San Francisco</i> <i>*Presented by Aniket Pratapneni, BS</i>
3:38 pm – 3:42 pm	592 - Osteochondral Allograft Transplantation in Professional Athletes: A Multicenter Study <i>Jayson Lian, MD, Montefiore Medical Center</i> <i>*Presented by Jalen Dansby, MD</i>
3:42 pm – 3:46 pm	446 - Analysis of Thermal and Mechanical Damage During Osteochondral Allograft Harvesting: Manual Impaction vs Powered Trephine Drill <i>Paul Walker Jr., MD, University of California, Los Angeles</i>
3:46 pm – 3:50 pm	658 - Patellar Height Following Bone Patellar Tendon Bone or Hamstring Autograft Anterior Cruciate Ligament Reconstruction Does Not Substantially Change between 6 weeks and 2 years Postoperatively <i>Grant Schroeder, MD, Stanford Health Care</i> <i>*Presented by Lexie K. Ross</i>
3:50 pm – 3:54 pm	577 - Postoperative Force Plate Output Between Anterior Cruciate Ligament Reconstruction Grafts <i>Jayson Lian, MD, Montefiore Medical Center</i> <i>*Presented by Katherine D. Sborov, MD</i>
3:54 pm – 4:00 pm	Discussion
4:00 pm – 4:04 pm	5 - Multicenter Arthroscopic Outcomes of Atraumatic Hip Microinstability from MASH Study Group <i>Dean K. Matsuda, MD, Premier Hip Arthroscopy</i>
4:04 pm – 4:08 pm	719 - Shorter Relative Patellar Defect Length after Bone Patellar Tendon Bone Anterior Cruciate Ligament Reconstruction is Associated with Better Postoperative Patient Reported Outcomes at 1-Year Follow-Up <i>Grant Schroeder, MD, Stanford Health Care Sports Medicine</i>

4:08 pm – 4:12 pm	181 - Biomechanical Comparison of Full-Thickness vs. Partial-Thickness Quadriceps Tendon Grafts for ACL Reconstruction <i>Jalen Dansby, MD, Cedars-Sinai Medical Center</i>
4:12 pm – 4:16 pm	105 - Outcomes of ACL Reconstruction with Hamstring Autograft Utilizing Independent Tunnel Drilling <i>Alan L. Zhang, MD, University of California, San Francisco</i>
4:16 pm – 4:20 pm	320 - Age-Dependent Risk of Total Knee Arthroplasty following ACL Reconstruction <i>Kyle Cantave, BA, University of California, Davis</i> <i>*Presented by David Dallas-Orr, MD, MBA, MTM</i>
4:20 pm – 4:24 pm	474 - Safety and Efficacy of Low-Dose Radiation Therapy for Knee Osteoarthritis: A Systematic Review <i>David A. Barron, University of California, Irvine</i> <i>*Presented by Kory Pasko, BS</i>
4:24 pm – 4:30 pm	Discussion

Rapid Fire Session 2B – Shoulder and Elbow (Kauai Ballroom 3)

Moderators: Todd S. Kim, MD, *Palo Alto Foundation Medical Group and Sutter Health*
Ronald A. Navarro, MD, *Kaiser Permanente*

3:30 pm – 3:34 pm	71 - Tranexamic Acid Use in Total Shoulder Arthroplasty Continues to Increase and is Safe in High-Risk Patients <i>Cory K. H. Mayfield, MD, University of Southern California</i>
3:34 pm – 3:38 pm	338 - Resection Arthroplasty as a Definitive Treatment for Failed Shoulder Arthroplasty <i>Tate Cowley, MD, Loma Linda University</i>
3:38 pm – 3:42 pm	621 - Total Shoulder Arthroplasty Following Common Shoulder Stabilization and Reconstructive Procedures <i>Verdinand C. B. Ruelos, MD, University of Texas Medical Branch</i>
3:42 pm – 3:46 pm	619 - Surgeon Experience and Shoulder Arthroplasty Costs: A Retrospective Analysis <i>Andrew M. Schmidt, BS, ME, Kaiser Permanente School of Medicine</i> <i>*Presented by Ronald A. Navarro, MD</i>

3:46 pm – 3:50 pm	413 - Optimizing Glenoid Component Placement with Computer Navigation in Reverse Total Shoulder Arthroplasty <i>Salim Parbtani, DO, St Joseph's Medical Center</i>
3:50 pm – 3:54 pm	660 - Anesthesia Techniques and Postoperative Complication Risks in Shoulder Arthroplasty <i>Lina Elias, MMS, University of Arizona College of Medicine Phoenix</i> <i>*Presented by Leeann Qubain, MD</i>
3:54 pm – 4:02 pm	Discussion
4:02 pm – 4:06 pm	349 - Elevated Glucose Predicts Infectious and Medical Complications After Total Shoulder Arthroplasty <i>Benjamin Lurie, MD, University of Southern California</i>
4:06 pm – 4:10 pm	340 - The Use of Machine Learning Models to Minimize Early Postoperative Transfusions Following Total Shoulder Arthroplasty <i>Steven H. Liu, MD, Keck Medicine of University of Southern California</i>
4:10 pm – 4:14 pm	377 - Hospital Stay Duration Following Reverse Shoulder Arthroplasty for Fracture <i>Trevor S. Lloyd, BS, University of California, Los Angeles</i> <i>*Presented by Autreen Golzar, BS</i>
4:14 pm – 4:18 pm	Robert R. Slater Jr., MD Travel Grant Award 536 - Treating Shoulder PJI with Humeral Bone Loss Using Long Spacer <i>Cameron R. Guy, MD, University of Utah</i>
4:18 pm – 4:22 pm	670 - Tranexamic Acid Improves Range of Motion after Total Shoulder Arthroplasty <i>David Jung, BA, University of Chicago Pritzker School of Medicine</i>
4:22 pm – 4:30 pm	Discussion
Rapid Fire Session 2C – Spine (Kauai Ballroom 4) Moderators: Robert F. McLain, MD, <i>Enumclaw, WA</i> David Skaggs, MD, <i>Cedars-Sinai Medical Center</i>	
3:30 pm – 3:34 pm	653 - Waiting Costs - More Resources for Less Correction in NMS

Brandon Yoshida, MD, University of Southern California

- 3:34 pm – 3:38 pm 125 - Functional Outcomes After Lumbar Microdiscectomy in the US Navy
Harrison Diaz, MD, Naval Medical Center San Diego
**Presented by Karch M. Smith, MD*
- 3:38 pm – 3:42 pm 300 - Prone Transpoas vs. Extreme Lateral Interbody Fusion: Comparison of Perioperative Outcomes
Ryan Le, MD, UC Irvine
- 3:42 pm – 3:46 pm 386 - Navigation is Associated with Lower Revision Instrumentation Rates in Pediatric Scoliosis
Andy M. Liu, BS, Cedars Sinai Spine Center
**Presented by Kenneth D. Illingworth, MD*
- 3:46 pm – 3:50 pm 121 - Novel Fragility Score to Predict Inpatient Stay following Biportal Lumbar Endoscopic Decompression
Thomas E. Olson, MD, University of California, Los Angeles
- 3:50 pm – 3:58 pm Discussion
- 3:58 pm – 4:02 pm 82 - A Triple Protocol has Virtually Eliminated Infection following Spinal Surgeries
Kirkham B. Wood, MD, Stanford University School of Medicine
- 4:02 pm – 4:06 pm 101 - Staged vs. Same Day Circumferential Lumbar Fusion: Which is Safer?
Henry Avetisian, MS, USC Keck School of Medicine
**Presentend by Matthew C. Gallo, MD*
- 4:06 pm – 4:10 pm 376 - Spinopelvic Compensation in Sitting and Standing Postures after Lumbar Fusion
William J. Karakash, BS, Keck School of Medicine of USC
**Presented by Matthew C. Gallo, MD*
- 4:10 pm – 4:14 pm 570 - Ehlers-Danlos Syndrome Lumbar Fusion: Lower Nonunion, Higher Dysphagia & CSF Leak
Logan D. Karlen, BS, University of California, Riverside School of Medicine
- 4:14 pm – 4:18 pm 120 - Non-Tobacco Nicotine Dependence is Associated with Increased Risk of Complications after Lumbar Decompression and Fusion

*Michael S. Kim, MD, University of California, Irvine,
School of Medicine*

4:18 pm – 4:22 pm 180 - Comparing Clinical Outcomes Between Open vs.
Percutaneous Approach for Spinopelvic Dissociation
Rahul Bhale, MD, University of California, Davis

4:22 pm – 4:30 pm Discussion

Rapid Fire Session 2D – Total Joint (*Kauai Ballroom 6*)

Moderators: Rina Jain, MD, *Synergy Orthopedics*
 Jay R. Lieberman, MD, *Keck School of Medicine of USC*

3:30 pm – 3:34 pm 86 - eHealth Literacy Among Elderly Arthroplasty
Patients: Implications for Patient-Reported Outcomes
*Chiara A. Giordani, BS, MSc, University of California
Davis School of Medicine*

3:34 pm – 3:38 pm 715 - Osteoarthritis and Total Joint Arthroplasty in Housing
Insecure Patients
*Kelechi Nwachuku, MD, University of California, San
Francisco*

3:38 pm – 3:42 pm 651 - Metal Hypersensitivity Influences Implant
Survivorship in Hip and Knee Arthroplasty
*Dhruv S. Shankar, MD, University of Washington School of
Medicine*

3:42 pm – 3:46 pm 629 - Higher Resilience Improves PROMIS Scores Across
Types of Joint Arthroplasty
Nathaniel E. Zona, BA, University of Colorado
**Presented by Julia Matthias, MD*

3:46 pm – 3:50 pm 315 - Preoperative and Postoperative HbA1C Trends in
Arthroplasty Patients with Diabetes
Matthew De Ruyter, University of California Davis Health

3:50 pm – 3:54 pm 62 - Higher PROM Capture in TJA Patients at ASC vs.
Hospital
Aidan Morrell, Orthopedic & Fracture Specialists
**Presented by Amador Bugarin, MD*

3:54 pm – 4:00 pm Discussion

4:00 pm – 4:04 pm 285 - Hispanic Patients Undergoing TJA: Impact of
Primary Language Spoken on Outcomes

Ramesh B. Ghanta, MD, University of California San Francisco

- 4:04 pm – 4:08 pm 220 - Is Perioperative Dexamethasone More Than Just an Antiemetic
Ian A. Jones, MD, University of Washington
- 4:08 pm – 4:12 pm 126 - Do Cruciate Retaining Knees Perform Better Than Posterior Stabilized?
Andrew I. Spitzer, MD, Cedars Sinai Medical Center
- 4:12 pm – 4:16 pm 127 - Complication Risk Following TKA in Patients Receiving Testosterone Replacement Therapy
Caleb Durst, BS, Cedars Sinai Medical Center
- 4:16 pm – 4:20 pm 374 - Delayed Closure of Closed or Type 1 Open Forearm Fractures
Milton T. M. Little, MD, Cedars Sinai Medical Center
- 4:20 pm – 4:24 pm 259 - Complication and Reoperation Rates of Post-DFO TKA vs. Primary TKA: Matched Cohorts from a Nationwide Database
Ioanna Bolia-Kavouklis, MD, MS, Keck School of Medicine of University of Southern California Sports
- 4:24 pm – 4:30 pm Discussion

Rapid Fire Session 2E – Other (Kauai Ballroom 1)

Moderators: Holly B. Leshikar, MD, *Shriners Children's*
Selina Poon, MD, MPH, *Shriners Children's*

- 3:30 pm – 3:34 pm 79 - Validity of a New Two-Question Universal Pain and Function Score
Andrew Haskell, MD, Palo Alto Foundation Medical Group and Sutter Health
- 3:34 pm – 3:38 pm 8 - Trends in Female Representation in Orthopaedic Surgery Residency
Rachel A. Loyst, BS, Stony Brook University
- 3:38 pm – 3:42 pm 227 - Implementing Three-Dimensional Printed Acetabular Fractures to Improve Resident Education
Omar Manzur, MD, University of Texas Southwestern Medical Center
- 3:42 pm – 3:46 pm **Nitin N. Bhatia, MD Travel Grant Award**

	<p>154 - Evaluating the Long-Term Sustainability of an Electronic Health Record System For Short-Term Global Surgical Outreach <i>Andrew Gatto, DO, University of California, San Francisco</i></p>
3:46 pm – 3:50 pm	<p>686 - Protective Factors for Hijab Wearing Medical Students Entering Surgical Subspecialties <i>Dayana Shariff, BA, University of California, San Francisco</i></p>
3:50 pm – 3:54 pm	<p>687 - Disparities in Surgical Hip Fracture Repair in Southern California <i>Adriana Solis, BS, UC San Diego School of Medicine</i></p>
3:54 pm – 4:00 pm	<p>Discussion</p>
4:00 pm – 4:04 pm	<p>668 - Trends in Orthopaedic Surgeon Suicide: Are We Doing Better? <i>Christopher J. Fang, MD, Kirk Kerkorian School of Medicine at UNLV</i></p>
4:04 pm – 4:08 pm	<p>669 - Gunshot-related Fractures in Orthopedic Pediatric Patients with Mental Health Recommendations <i>Anjali Malhotra, MPH, SUNY Upstate Medical University</i></p>
4:08 pm – 4:12 pm	<p>102 - Instagram Outperforms Twitter for Diversity in Orthopaedics Organization Engagement <i>Stephanie E. Wong, MD, University of California, San Francisco</i></p>
4:12 pm – 4:16 pm	<p>80 - Reliability of a New Two-Question Universal Pain and Function Score <i>Garet C. Comer, MD, Palo Alto Foundation Medical Group and Sutter Health</i> <i>*Presented by Andrew Haskell, MD</i></p>
4:16 pm – 4:20 pm	<p>534 - Orthopedic Surgeon Shortage in Rural Areas and Impact on Care <i>Kinsley Wang, MS, Mayo Clinic Hospital</i></p>
4:20 pm – 4:24 pm	<p>547 - Using Routinely Collected Wearable Device Data to Predict Peak Performance Metrics <i>Alex Young, BA, University of California, San Francisco</i></p>
4:24 pm – 4:30 pm	<p>Discussion</p>

Friday, August 1st

6:00 am – 7:00 am

Scientific Poster (*Grand Promenade*)
(Presenters are available to answer questions)

6:00 am – 7:00 am

Scientific E-Poster Session (*Kauai Ballrooms 1, 2, 3, 4 & 6*)
(Presenters are available to answer questions)

Rapid Fire Session 3A – Trauma (*Kauai Ballroom 2*)

Moderators: Dane Brodke, MD, MPH, *Oregon Health & Science University*
David H. Chafey III, MD, *University of New Mexico*

7:00 am – 7:04 am

361 - Proton Pump Inhibitors are Associated with Increased Nonunion Risk after Operative Treatment of Fractures
Melissa Romoff, University of California, Irvine

7:04 am – 7:08 am

569 - Incidence and Management of Periprosthetic Fractures in Transfemoral Osseointegrated Implants
Maithily Diaz, University of California, San Francisco

7:08 am – 7:12 am

201 - Iatrogenic Radial Nerve Palsy in Diaphyseal Humerus Fractures by Location
Jacquelyn P. Cruz, MD, Stanford University

7:12 am – 7:16 am

626 - Increased Complications in Geriatric Ankle Fractures Treated with Fusion vs. ORIF
Isabella Bianco-Sobejano, BS, Rothman Orthopedics Institute

7:16 am – 7:20 am

Discussion

7:20 am – 7:24 am

542 - LVN-led Transitional Care Coordinator Program for Hip Fractures Reduces Mortality
Peter A. Giammanco, BS, California University of Science and Medicine

7:24 am – 7:28 am

368 - Do CTA Findings Correlate with Postoperative Complications for Tibial Fractures?
Grace Hernandez, MD, University of California, Davis
**Presented by Frank Sierra, BS*

7:28 am – 7:32 am

528 - Outcomes of Operative vs. Nonoperative Treatment of Geriatric LC1 Pelvic Ring Injuries
Carol Lee, MD, Cedars-Sinai Medical Center

7:32 am – 7:36 am 184 - Post-Traumatic Osteoarthritis in Non-Geriatric Distal Femur Fractures
Makoa Mau, University of Utah

7:36 am – 7:40 am 726 - Surgical Fixation of Subtrochanteric and Intertrochanteric Femur Fractures and Osteotomies in Patients with Osteogenesis Imperfecta: Low Rate of Nonunion, But Many Patients Require Eventual Revision
Cynthia Nguyen, MD, Shriners Hospital for Children
**Presented by Selina Poon, MD, MPH*

7:40 am – 7:45 am Discussion

Rapid Fire Session 3B – Total Hip (Kauai Ballroom 3)

Moderators: Elizabeth G. Lieberman, MD, *Orthopedic & Fracture Specialists*
 Carol A. Lin, MD, *Cedars-Sinai Medical Center*

7:00 am – 7:04 am 586 - Racial Disparities in Surgical Treatment Choice For Displaced Femoral Neck Fractures
Monica E. Guirgus, MBS, BA, California University of Science and Medicine

7:04 am – 7:08 am **WOA/WOF Resident Travel Grant Award**
673 - Does Femoral Head Size Matter? A Comparison of 32, 36, and 40mm Heads in Primary Total Hip Arthroplasty: An American Joint Replacement Registry Analysis
Jae Won Yang, MD, University of Washington

7:08 am – 7:12 am 352 - Recovery Roadmap for Total Hip Arthroplasty Based on PROMIS Scores
Ryan Healy, MD, MS, Cedars-Sinai Medical Center
**Presented by Caleb Durst, BS*

7:12 am – 7:16 am 329 - Preoperative Hemoglobin Predicts PJI Risk following Total Hip Arthroplasty
Ryan C. Palmer, BS, University of Southern California Keck School of Medicine

7:16 am – 7:20 am Discussion

7:20 am – 7:24 am 165 - Technology Assistance Mitigates Volume-Dependent Risk of Dislocation Following THA
Avinash Iyer, BS, Keck School of Medicine at USC

7:24 am – 7:28 am	128 - Complication Risk following THA in Patients Receiving Testosterone Replacement Therapy <i>Caleb Durst, BS, Cedars Sinai Medical Center</i>
7:28 am – 7:32 am	Richard F. Santore, MD Travel Grant Award 323 - Postoperative Kinematics Between Anterior and Posterior THA Using a 3D Marker-less Motion Capture System <i>Brandon E. Lung, MD, Cedars-Sinai Medical Center</i>
7:32 am – 7:36 am	604 - Early Outcomes of Monoblock Conical Stems in Complex Primary THA <i>Jacob Zipperstein, MD, University of California, Los Angeles</i> <i>*Presented by Yifan Mao, MPH</i>
7:36 am – 7:40 am	575 - International Trends in Surgical Approaches to Total Hip Arthroplasty (THA) 2014-2024 <i>Colin Van Wagoner, BS Mayo Clinic Arizona</i> <i>*Presented by Alexandra Cancio-Bello</i>
7:40 am – 7:45 am	Discussion
Rapid Fire Session 3C – Sports Medicine (Kauai Ballroom 4)	
Moderators: David J. Mansfield, MD, Sports Medicine and Arthroscopic Knee Reconstruction Dean Wang, MD, <i>University of California, Irvine</i>	
7:00 am – 7:04 am	3 - Multicenter Arthroscopic Outcomes of Patients with Acetabular Cysts from MASH Study Group <i>Dean K. Matsuda, MD, Premier Hip Arthroscopy</i>
7:04 am – 7:08 am	503 - Borderline Hip Dysplasia: 5-Year Outcomes of Hip Arthroscopy with Capsular Plication and BioInductive Collagen Patch Augmentation <i>Bryson Kemler, MD, Thomas Jefferson University Hospital/The Rothman Orthopaedic Institute</i> <i>*Presented by Ali Zafar-Khan, BS</i>
7:08 am – 7:12 am	462 - Geographic Characterization of Intra-Articular Pathologies in Early-Stage Avascular Necrosis of the Hip <i>Kory Pasko, BS, University of California, Irvine</i>
7:12 am – 7:16 am	531 - Implant Survivorship and Clinical Outcomes Following Radial Head Arthroplasty <i>Kate Spitzley, PhD, Slocum Research & Education Foundation</i>

7:16 am – 7:20 am	Discussion
7:20 am – 7:24 am	104 - General Anesthesia Utilizing LMA Ventilation with Neuromuscular Blockade for Hip Arthroscopy J <i>Justin Jabara, MD, University of California, San Francisco</i> <i>*Presented by Jillian Neuner, BS</i>
7:24 am – 7:28 am	232 - Ultrasound-Guided Injections with NSAIDs have Similar Efficacy to Corticosteroids for Hip Pathology <i>Kevin Y. Chen, MD, University of California, San Francisco</i>
7:28 am – 7:32 am	433 - Hip Dysplasia Patients Demonstrate Higher Incidence of Trochlear Dysplasia on CT Imaging Than Femoroacetabular Impingement Patients <i>Stephanie Pun, MD, Stanford University</i>
7:32 am – 7:36 am	384 - Beyond the Scalpel: What Drives Patient Satisfaction in Orthopaedic Sports Medicine <i>Jonathan Lee, BA, Stanford University School of Medicine</i>
7:36 am – 7:40 am	689 - Hip Arthroscopy for FAIS with Periportal Capsulotomy Yields Shorter Procedure Times and Recovery Room Length of Stay Compared to Interportal Capsulotomy <i>Lejla Pepic, University of California, San Francisco</i> <i>*Presented by Kevin Y. Chen, MD</i>
7:40 am – 7:45 am	Discussion

Rapid Fire Session 3D – Hand and Wrist (Kauai Ballroom 6)

Moderators: Gopal Lalchandani, MD, *University of California, San Francisco*
Nicole Schroeder, MD, *University of California, San Francisco*

7:00 am – 7:04 am	12 - Does Retrograde Intramedullary Nailing Weaken Extensor Tendon Biomechanical Properties? <i>Christopher Chung, MD, Stanford University</i>
7:04 am – 7:08 am	238 - Intramedullary Screw Fixation for Short and Long Oblique Metacarpal Fractures: A Biomechanical Analysis <i>Dang-Huy Do, MD, University of Texas Southwestern Medical Center</i> <i>*Presented by Angel A. Valenica, MD</i>

7:08 am – 7:12 am	417 - Improving Detection of Distal Radius Screw Penetration Using Three-Dimensional Models <i>Angela W. Zhang, BS, University of Texas Southwestern</i>
7:12 am – 7:16 am	373 - Complications After Minor Hand Surgery in Solid Organ Transplant Patients <i>Daniel T. Kim, BA, University of California, Los Angeles</i>
7:16 am – 7:24 am	Discussion
7:24 am – 7:28 am	147 - Digital Doses: Virtual Reality for Perioperative Pain and Anxiety in Patients undergoing Hand Surgery <i>Angel Xiao, MD, University of California, San Francisco</i>
7:28 am – 7:32 am	543 - Differences in Trapezia of Stable and Fast Progressing Trapeziometacarpal Osteoarthritis <i>Huy Gia Dinh, BS, Stanford University School of Medicine</i>
7:32 am – 7:36 am	555 - Hand in Hand? Evaluating the Accuracy of AI in Treatment Recommendations <i>Sarah Pirkle, MD, University of Washington</i>

7:36 am – 7:45 am

Discussion

Rapid Fire Session 3E – Pediatrics (Kauai Ballroom 1)

Moderators: Holly B. Leshikar, MD, *Shriners Children's*
Selina Poon, MD, MPH, *Shriners Children's*

7:00 am – 7:04 am	346 - Decreasing Opioid Consumption in Pediatric Orthopaedic Surgery <i>Hector L. Sanchez Perez, MS, Perez University of California, Davis School of Medicine</i>
7:04 am – 7:08 am	130 - Complications Requiring Reoperation following Pediatric Tibial Spine Fracture Fixation <i>Benjamin R Caruso, BS, Elson S. Floyd College of Medicine, Washington State University</i>
7:08 am – 7:12 am	725 - Femoral Neck Fractures in Patients with Osteogenesis Imperfecta: High Rates of Complications and Need for Revision Surgery <i>Cynthia Nguyen, MD, Shriners Hospital for Children</i> <i>*Presented by Selina Poon, MD, MPH</i>
7:12 am – 7:16 am	332 - Clinical and Radiographic Outcomes of MACI for Pediatric Knee OCDs

Lydia McKeithan, MD, University of California, Davis
**Presented by Matthew Frederickson, MD*

7:16 am – 7:20 am

Discussion

7:20 am – 7:24 am

526 - Avascular Necrosis following Hip Reconstruction in Cerebral Palsy: A Concern?
Sam Wimmer, BS, Children's Hospital Los Angeles
**Presented by Tishya A. L. Wren, PhD*

7:24 am – 7:28 am

460 - Analyzing Avascular Necrosis Rates following Operative Techniques for DDH
Jeremiah M. Langsfeld, University of New Mexico

7:28 am – 7:32 am

723 - Lowest Instrumented Vertebra in Treatment of Adolescent Idiopathic Scoliosis is Not Correlated with PROMIS Scores
Katherine D. Sborov, MD, Cedars Sinai Medical Center

7:32 am – 7:36 am

717 - Screw Fixation vs. Nailing and Plating for Pediatric Tibia Fractures
Rajvarun S. Grewal, BS, California Health Sciences University
**Presented by Nathan P. Fackler, MD*

7:36 am – 7:40 am

703 - Adolescent Tibial Shaft Fractures with Concomitant Distal Articular Fractures
Jeffrey Lucas Hii, MD, University of Nevada - Las Vegas
Department of Orthopaedic Surgery

7:40 am – 7:45 am

Discussion

7:55 am – 8:00 am

Morning Announcements and Overview
Kathryn L. Schabel, MD, Oregon Health & Science University
Jennifer M. van Warmerdam, MD, UCSF Health St. Mary's Hospital

8:00 am – 8:20 am

Focused Breakfast Presentation
**CME Credit not available*

8:30 am – 8:50 am

Break – Please visit exhibits (Grand Ballrooms 2, 3 & 4)

Concurrent Session 2A – Disasterplasty (Grand Ballrooms 1, 6 & 7)

Moderator: Elizabeth G. Lieberman, MD, Orthopedic & Fracture Specialists

8:50 am – 9:05 am	Tumorplasty: Tips for Mega-Recon <i>Alexandra K. Callan, MD, UT Southwestern Medical Center</i>
9:05 am – 9:20 am	Infectionplasty: Single vs. Staged, Static vs. Dynamic <i>Alexis D. Gaskin, MD, Sutter Health</i>
9:20 am – 9:35 am	Revisionplasty: How to Remove Well-Fixed Implants <i>Nathanael D. Heckmann, MD, Keck School of Medicine of USC</i>
9:35 am – 9:50 am	Discussion

Concurrent Session 2B – Hand (Ballroom 5)

Moderator: Nicole Schroeder, MD, *University of California, San Francisco*

8:50 am – 9:02 am	The Athletes Finger: It's Not Just a Sprain <i>Lindsey S. Urband, MD, San Diego Hand Specialists</i>
9:02 am – 9:14 am	Management of Pediatric Finger Fractures <i>Gopal Lalchandani, MD, University of California, San Francisco</i>
9:14 am – 9:26 am	PIP Fractures and Fracture Dislocations: Current Treatment Options <i>Nicole Schroeder, MD, University of California, San Francisco</i>
9:26 am – 9:38 am	The Intramedullary Nail: Use for Fracture Fixation of the Hand <i>Lauren G. Santiesteban, MD, University of California, San Francisco</i>
9:38 am – 9:50 am	Discussion

Concurrent Session 2C – Sports Pediatrics (Garden Isles 4 & 5)

Moderator: Jennifer M. Weiss, MD, *Shriners Children's Southern California*

8:50 am – 9:02 am	Crossover from Peds to Young Adults Sports <i>Jennifer J. Beck, MD, Center for Spine & Orthopedics</i>
9:02 am – 9:14 am	Pediatric ACL Injury <i>Melissa Christino, MD, Boston Children's Hospital</i>
9:14 am – 9:26 am	Patellar Instability

Jennifer M. Weiss, MD, Shriners Children's Southern California

9:26 am – 9:38 am

Pediatric Sports Psychology
Melissa Christino, MD, Boston Children's Hospital

9:38 am – 9:50 am

Case Presentations & Discussion

Symposium 3 – Technology

Moderator: Antonia Chen, MD, MBA, *UT Southwestern Medical Center*

9:55 am – 10:10 am

Point / Counterpoint: Why I Use Technology
Rina Jain, MD, Synergy Orthopedics

10:10 am – 10:25 am

Point / Counterpoint: Why I Don't Use Technology
Derek Ward, MD, Marin Health

10:25 am – 10:40 am

Technology: So You Want to Try It
Jessica Hooper, MD, Stanford University

10:40 am – 10:55 am

AI in Orthopaedics: The Good, the Bad, and the Game-Changing
Raymond B. Raven III, MD, MBA, MHCI, Cedars-Sinai Medical Center

10:55 am – 11:05 am

Discussion

11:05 am – 11:25 am

Break – Please visit exhibits (Grand Ballrooms 2, 3 & 4)

Concurrent Session 3A – Medical Student Session: Being More than a Hammer: Making the Most of Medical Education and Becoming an Orthopaedic Surgeon (Grand Ballrooms 1, 6 & 7)

Moderator: Alexandra K. Callan, MD, *UT Southwestern Medical Center*

**CME Credit not available*

11:25 am - 11:30 am

Introduction
Alexandra K. Callan, MD, UT Southwestern Medical Center

11:30 am - 11:45 am

How to be an Excellent Medical Student
David H. Chafey III, MD, University of New Mexico
Holly B. Leshikar, MD, Shriners Children's
Russell Stitzlein, MD, University of California, Irvine

11:45 am - 12:00 pm

How Not to be an A-Hole

*Robert C. Weinschenk, MD, University of Texas
Southwestern Medical Center*

12:00 am – 12:25 pm

Panel Discussion

Panel: *David H. Chafey III, MD, University of New Mexico*
Holly B. Leshikar, MD, Shriners Children's
Russell Stitzlein, MD, University of California,
Irvine
Robert C. Weinschenk, MD, University of Texas
Southwestern Medical Center

Concurrent Session 3B – Hot Topics from Trauma Call (Ballroom 5)

Moderator: Sarah Blumenthal, MD, *Keck School of Medicine of USC*

11:25 am – 11:37 am

Young Femoral Neck Fractures

Sarah Blumenthal, MD, Keck School of Medicine of USC

11:37 am – 11:49 am

Open Fractures

Graham J. DeKeyser, MD, Oregon Health & Science
University

11:49 am – 12:01 pm

Compartment Syndrome

Zachary M. Working, MD, Oregon Health & Science
University

12:01 pm – 12:13 pm

ExFix Indication and Advanced Topics

Joseph T. Patterson, MD, Keck School of Medicine of USC

12:13 pm – 12:25 pm

Discussion

12:25 pm – 12:55 pm

Focused Lunch Presentation

**CME Credit not available*

Rapid Fire Session 4A – Total Joint (Kauai Ballroom 2)

Moderators: Antonia Chen, MD, MBA, *UT Southwestern Medical Center*

Michael R. Dayton, MD, *University of Colorado Anschutz Medical Campus*

1:00 pm – 1:04 pm

177 - Increased Mortality in Low-Volume Hospitals
Following Revision TJA for PJI

Julian Wier, BS, University of Southern California Keck
School of Medicine

1:04 pm – 1:08 pm

662 - Total Joint Arthroplasty Outcomes in Recipients of
Charity-Care Financial Assistance

Owen S. Roth, BS, University of Washington School of
Medicine

**Presented by Bill Young, MS*

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|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1:08 pm – 1:12 pm | 42 - Pre-Operative PVR Predicts Post-Operative Urinary Retention in Total Joint Arthroplasty
<i>Ashley Wood, MMS, Orthopedic and Fracture Specialists</i>
<i>*Presented by Elizabeth Lieberman, MD</i> |
| 1:12 pm – 1:16 pm | 436 - Total Joint Arthroplasty Complications in Dialysis and Renal Transplant Patients
<i>Troy Sekimura, BS, University of California, Los Angeles</i> |
| 1:16 pm – 1:20 pm | Discussion |
| 1:20 pm – 1:24 pm | 208 - Medicare Associated with “Lemon Dropping” of High-Risk PJI Patients
<i>Natalie M. Kistler, BS, Keck School of Medicine of USC</i>
<i>*Presented by Julian Wier, BS</i> |
| 1:24 pm – 1:28 pm | 150 - Patient Factors Influence PROM Measurement, Not Outcomes in Arthroplasty
<i>Caitlin A. Hendricks, BA, University of California, San Francisco</i> |
| 1:28 pm – 1:32 pm | 264 - Sex-Based Differences in Perspectives on Arthroplasty Utilization: A Multicenter Cohort
<i>Mikayla Mefford, BS, MPH, University of California Los Angeles</i>
<i>*Presented by Katherine Woolley, MD</i> |
| 1:32 pm – 1:36 pm | 140 - Economic Impact and Outcomes in Revision Total Knee Arthroplasty
<i>Aidan T. Morrell, MD, Oregon Health & Science University</i>
<i>*Presented by Amador Bugarin, MD</i> |
| 1:36 pm – 1:40 pm | 636 - Social Vulnerability Impacts Postoperative Success following Total Knee Arthroplasty
<i>Colby McClaugherty, Baylor College of Medicine</i>
<i>*Presented by Caleb A. Casanova, BS</i> |
| 1:40 pm – 1:45 pm | Discussion |

Rapid Fire Session 4B – Trauma (*Kauai Ballroom 3*)

Moderators: Julius A. Bishop, MD, *Stanford University*
Carol A. Lin, MD, *Cedars-Sinai Medical Center*

1:00 pm – 1:04 pm	David H. Chafey, MD Travel Grant Award 73 - Thrombelastography as a Predictive Tool for Thromboembolic Events After Extremity Trauma: A Prospective Secondary Analysis of PREVENT-CLOT <i>Cory K. H. Mayfield, MD, University of Southern California</i>
1:04 pm – 1:08 pm	48 - Lower Pelvic Ring Fixation Failure Rate with Porous Threaded Titanium Implants vs. Standard Screws <i>Andrew P. Collins, MD, University of Washington</i>
1:08 pm – 1:12 pm	185 - Weight Bearing Status and Geriatric Hip Fracture Mortality Considering Frailty <i>Makoa Mau, BS, University of Utah</i>
1:12 pm – 1:16 pm	372 - Propensity Matched Analysis of Early vs. Late Fixation of Geriatric Lateral Compression Pelvis Injuries <i>Kaleb Roach, Oregon Health & Sciences University</i>
1:16 pm – 1:20 pm	Discussion
1:20 pm – 1:24 pm	93 - A Review of Medullary Based Bone Transport <i>Carol Lee, MD, Cedars-Sinai Medical Center</i>
1:24 pm – 1:28 pm	665 - Intraoperative Bacterial Load on Surgical Gloves in Non-Infection Orthopaedic Trauma Cases <i>Arya Amirhekmatt, BA, University of California, Irvine</i> <i>*Presented by Phil Lim, MD</i>
1:28 pm – 1:32 pm	326 - Impact of Housing Insecurity on Outcomes of Lower Extremity Trauma <i>Samuel Baird, MD, Loma Linda University</i> <i>*Presented by Mikayla Kricfalusi, BA</i>
1:32 pm – 1:36 pm	427 - Iron Depletion Persists at 3 Months from Fracture Surgery <i>Caellagh Catley, MD, OHSU</i> <i>*Presented by Zachary M. Working, MD</i>
1:36 pm – 1:40 pm	429 - Validity of PROMIS with SFMA in Pelvis and Acetabular Fractures <i>Amy M. Cizik, PhD, MPH, University of Utah</i>
1:40 pm – 1:45 pm	Discussion

Rapid Fire Session 4C – Spine (Kauai Ballroom 4)

Moderators: Meghan N. Imrie, MD, *Stanford University*
David Skaggs, MD, *Cedars-Sinai Medical Center*

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| 1:00 pm – 1:04 pm | 404 - Impact of Hip Stiffness on Spinopelvic Compensation Following Lumbar Fusion
<i>William J. Karakash, BS, Keck School of Medicine of USC</i>
<i>*Presented by Matthew C. Gallo, MD</i> |
| 1:04 pm – 1:08 pm | 403 - Spinopelvic Alignment Changes Following Single-Level Lumbar Total Disc Replacement: A Radiographic Analysis
<i>Suhas K. Etigunta, BS, Cedars Sinai Medical Center</i> |
| 1:08 pm – 1:12 pm | 292 - Early Experience with Prone Single-Position Corpectomy: Feasibility, Radiographic Outcomes & Complications
<i>Ryan Le, MD, UC Irvine</i> |
| 1:12 pm – 1:16 pm | 363 - Proton Pump Inhibitors are Associated with Increased Pseudoarthrosis Risk after Posterior Lumbar Fusion
<i>Melissa Romoff, University of California, Irvine</i> |
| 1:16 pm – 1:20 pm | Discussion |
| 1:20 pm – 1:24 pm | 187 - Utilization Trends of Cervical Hybrid Surgery: National Analysis of Patient Demographics
<i>Anahit Sargsyan, MS, BA, USC Keck School of Medicine</i> |
| 1:24 pm – 1:28 pm | 457 - Inter-Rater Reliability of Three Measurement Methods for Thoracolumbar Fracture Alignment
<i>Kirkham B. Wood, MD, Stanford University School of Medicine</i> |
| 1:28 pm – 1:32 pm | 392 - Magnetic Resonance Imaging Generated Synthetic Computed Tomography in Pediatric Spine Patients
<i>George Michael, BS, BA, Cedars Sinai Medical Center</i>
<i>*Presented by Kenneth D. Illingworth, MD</i> |
| 1:32 pm – 1:36 pm | 256 - Automated Feature Extraction of Spinal Operative Reports using Natural Language Processing
<i>Grace X. Xiong, MD, Stanford University</i> |
| 1:36 pm – 1:40 pm | 391- Optimizing Robotic-Assisted Spine Surgery: The Effect of Standardized Institutional Guidelines
<i>Suhas K. Etigunta, BS, Cedars Sinai Medical Center</i>
<i>*Presented by David L. Skaggs, MD</i> |

1:40 pm – 1:45 pm

Discussion

Rapid Fire Session 4D – Practice Management/Education (*Kauai Ballroom 6*)

Moderators: Mary I. O'Connor, MD, *Vori Health*

1:00 pm – 1:04 pm

219 - Inaccurate Citations are Prevalent in High-Impact Arthroplasty Literature
McKenzie Culler, BA, Keck School of Medicine of USC

1:04 pm – 1:08 pm

200 - ChatGPT Fabricates and Miscites Evidence for AAOS Hip Fracture Guidelines
David McCavitt, BA, Keck School of Medicine of the University of Southern California

1:08 pm – 1:12 pm

355 - Reducing Post-Operative Urinary Tract Infections in Orthopaedic Surgery
Hector L. Sanchez Perez, MS, University of California, Davis School of Medicine

1:12 pm – 1:16 pm

678 - Endocrinology Referrals and Osteoporosis Care After Upper Extremity Fractures
Annika Hiredesai, Mayo Clinic Alix School of Medicine
**Presented by Cara Lai, MD*

1:16 pm – 1:20 pm

Discussion

1:20 pm – 1:24 pm

210 - Orthopaedic Surgery Residents' Research Productivity: A Survey of Matched Fellows
Matthew Orringer, MD, USC Ortho Residency

1:24 pm – 1:28 pm

60 - Increased Utilization of Assistive Reproductive Technologies Amongst Female Orthopedists
Sarah Powell, MD, UNMC
**Presented by Elizabeth Lieberman, MD*

1:28 pm – 1:32 pm

455 - Accuracy of Artificial Intelligence in Orthopedic Residency Board Exam Questions
Andres Ramos University of California-Davis

1:32 pm – 1:36 pm

385 - Can ChatGPT Write Orthopaedic Surgery Personal Statements?
Henry Avetisian, MS, USC Keck School of Medicine
**Presented by Anahit Sargsyan, MS, BA*

1:36 pm – 1:40 pm	672 - Do Patients Sleep Better at Home or in the Hospital Following Primary Total Joint Arthroplasty? <i>Nicholas Hernandez, MD, University of Washington</i> <i>*Presented by Howard Chansky, MD</i>
1:40 pm – 1:45 pm	Discussion
Rapid Fire Session 4E – Tumors (Kauai Ballroom 1)	
Moderators: Alexandra K. Callan, MD, <i>UT Southwestern Medical Center</i> Cynthia M. Kelly, MD, <i>Colorado Limb Consultants</i>	
1:00 pm – 1:04 pm	255 - The Accuracy of AI for Common Orthopedic Oncology Questions <i>Abdullah N. Ghali, MD, The University of Texas MD Anderson Cancer Center</i>
1:04 pm – 1:08 pm	Lawrence R. Walker, MD Travel Grant Award 327 - How Safe Are Minimally Invasive Photodynamic Intramedullary Implants? <i>Christen E. Chalmers, MD, University of California Irvine</i>
1:08 pm – 1:12 pm	304 - Complications of Prophylactic Intervention After Soft Tissue Sarcoma Resection <i>Christopher Moran, MD, MD Anderson</i>
1:12 pm – 1:16 pm	312 - 3D Printed Models in Surgical Planning for Soft Tissue Sarcomas <i>Robert C. Weinschenk, MD, University of Texas Southwestern Medical Center</i>
1:16 pm – 1:20 pm	Discussion
1:20 pm – 1:24 pm	369 - Comparing Reconstructive Options for Oncologic Proximal Humerus Replacement <i>Autreen Golzar, BS, University of California Los Angeles</i>
1:24 pm – 1:28 pm	709 - Comparative Outcomes following Total Hip Arthroplasty for Pathological vs. Traumatic Hip Fractures <i>Youssef Khalafallah, MD, University of Texas MD Anderson Cancer Center</i> <i>*Presented by Caleb Witsken</i>
1:28 pm – 1:32 pm	295 - Risk Factors for Local Recurrence in Giant Cell Tumor <i>Charlotte Wahle, BA, University of California, Los Angeles</i> <i>*Presented by Daniel T. Kim, BA</i>

1:32 pm – 1:36 pm	464 - Total Hip Arthroplasty after Stem Cell Transplant and CAR-T Cell Therapy <i>Hyunwoo P. Kang, MD, University of Southern California</i>
1:36 pm – 1:40 pm	613 - Accuracy of Intramedullary Reamings Compared to Traditional Biopsy in Metastases <i>Molly Sekar, MD, University of Arizona - Phoenix Orthopaedic Residency</i>
1:40 pm – 1:45 pm	Discussion
1:45 pm – 2:45 pm	Scientific Poster (Grand Promenade) (Presenters are available to answer questions)
1:45 pm – 2:45 pm	Scientific E-Poster Session (Kauai Ballrooms 1, 2, 3, 4 & 6) (Presenters are available to answer questions)

Saturday, August 2nd

6:15 am – 7:15 am	Scientific Poster (Grand Promenade) (Presenters are available to answer questions)
6:15 am – 7:15 am	Scientific E-Poster Session (Kauai Ballrooms 1, 2, 3, 4 & 6) (Presenters are available to answer questions)
7:10 am – 7:20 am	Second Business Meeting
7:20 am – 7:25 am	Morning Announcements and Overview <i>Kathryn L. Schabel, MD, Oregon Health & Science University</i> <i>Jennifer M. van Warmerdam, MD, UCSF Health St. Mary's Hospital</i>

General Session 4 – Howard Steel Lecturer

Moderator: Basil R. Besh, MD, *FORM Hand, Wrist & Elbow Institute*
*CME Credit not available

7:25 am – 8:35 am	Be a Coffee Bean <i>Damon West</i>
8:35 am – 9:05 am	Focused Breakfast Presentation - Pacira

**CME Credit not available*

Rapid Fire Session 5A – Sports Pediatrics (Kauai Ballroom 2)

Moderators: Jennifer M. Weiss, MD, *Shriners Children's Southern California*

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| 9:15 am – 9:19 am | 39 - MPFL Reconstruction With or Without TTO in Adolescent Patellofemoral Instability
<i>Garrett K. Berger, MD, PharmD, University of California, San Diego</i> |
| 9:19 am – 9:23 am | 20 - Visual Impairment Linked to Concussion Risk in Youth Football Players
<i>Karim Jamaledine, BS, UC Riverside School of Medicine</i> |
| 9:23 am – 9:27 am | Jennette Boakes, MD Travel Grant Award
342 - Functional Bracing vs. Spica for Pediatric Femur Fractures: Cost Reduction
<i>Nicholas Stamatos, MD, UC Davis Health; Department of Orthopaedic Surgery</i> |
| 9:27 am – 9:31 am | 618 - Combined Root and Body (CRAB) Lateral Meniscus Tears in the Adolescent Population: An Underrecognized and Underreported Tear Pattern
<i>Karch M. Smith, MD, University of California San Diego Health</i> |
| 9:31 am – 9:37 am | Discussion |
| 9:37 am – 9:41 am | 163 - Anteromedialization of the Tibial Tubercle Does Not Provide a Clinical Advantage Over Medial Quadriceps Tendon-Femoral-Ligament Reconstruction Alone in Treatment of Adolescent Patellar Instability
<i>Suzanna M. Ohlsen, MD, Harborview Medical Center</i>
<i>*Presented by Benjamin R Caruso, BS</i> |
| 9:41 am – 9:45 am | 333 - Lesion Characteristics Impact on MACI Outcomes in Pediatric Knee OCD
<i>Nicholas Stamatos, MD, UC Davis Health; Department of Orthopaedic Surgery</i> |
| 9:45 am – 9:49 am | 29 - Smartphone Digital Radiograph Review Prior to Pediatric Trauma Center Transfer
<i>John A. Schlechter, DO, Children's Hospital Orange County</i> |

9:49 am – 9:53 am 722 - Retrospective Review of Opioid Prescribing Practices for Common Pediatric Sports Medicine Knee Surgeries Across a Pediatric Orthopedic Health System
Callum Rowe, MD, University of California, Davis

9:53 am – 10:00 am Discussion

Rapid Fire Session 5B – Shoulder (*Kauai Ballroom 3*)

Moderators: John M. Itamura, MD, *Cedars Sinai Kerlan-Jobe Institute*
 Deana Mercer, MD, *University of New Mexico*

9:15 am – 9:19 am 551 - Arthroscopic 270 Degrees Labral Repair Outcomes at Ten-Year Follow-Up
John K. McNamara, MD, William Beaumont Army Medical Center / Texas Tech

9:19 am – 9:23 am 430 - A Biomechanical Comparison of Lesser Tuberosity Repair Techniques
Mitchell S. Kirkham, BS, University of Utah

9:23 am – 9:27 am 545 - The Relationship between Bone Quality and Biomechanical Strength of All-Suture Anchors Utilized in Rotator Cuff Repairs
Andrew P. Nakla, BS, Cedars Sinai Medical Center

9:27 am – 9:31 am 263 - Complications and Costs of Shoulder Arthroplasty in Parkinson's Disease
Nicole J. Newman-Hung, MD, University of California Los Angeles
**Presented by Timothy P. Liu, MD*

9:31 am – 9:35 am Discussion

9:35 am – 9:39 am 549 - Anterior Glenoid Reconstruction with Free Bone Graft vs. Latarjet for Recurrent Shoulder Instability with Glenoid Bone Loss in an Active-Duty Military Population
Colby Brunette, Bsc, MD, Madigan Army Medical Center

9:39 am – 9:43 am 52 - Liposomal Bupivacaine in Rotator Cuff Repairs a Network Meta Analysis
Michael K. Deegan, MD, MAMC Orthopaedics

9:43 am – 9:47 am 35 - Pediatric Shoulder Instability: Outcomes with and without Bony Bankart Lesions
Garrett K. Berger, MD, PharmD, University of California, San Diego

9:47 am – 9:51 am	379 - Meta-Analysis of Lower Trapezius Transfer vs. Superior Capsular Reconstruction <i>Connor Sholtis, MD, Stanford University</i> <i>*Presented by Nicholas Kwon</i>
9:51 am – 9:55 am	550 - Factors Influencing Return to Duty Following Rotator Cuff Repair <i>John K. McNamara, MD, William Beaumont Army Medical Center / Texas Tech</i>
9:55 am – 10:00 am	Discussion
Rapid Fire Session 5C – Spine (Kauai Ballroom 4) Moderators: Robert F. McLain, MD, <i>Enumclaw, WA</i>	
9:15 am – 9:19 am	383 - Rate of Conversion to Fusion following Cervical Laminectomy vs. Laminoplasty <i>Vivien Chan, MD, MSc, Cedars-Sinai Medical Center</i> <i>*Presented by Suhas K. Etigunta, BS</i>
9:19 am – 9:23 am	129 - Non-Tobacco Nicotine Dependence is Associated with Increased Risk of Complications following Lumbar Decompression <i>Michael S. Kim, MD, University of California, Irvine, School of Medicine</i>
9:23 am – 9:27 am	196 - Patients receiving GLP-1 Agonists Have Reduced Odds of Pseudoarthrosis and Revision Following Lumbar Fusion Surgery <i>Abhinav K. Sharma, MD, University of California, Irvine, School of Medicine</i>
9:27 am – 9:31 am	135 - Anterior vs. Posterior Lumbar Fusion for Adult Isthmic Spondylolisthesis <i>Rahul Bhale, MD, University of California, Davis</i>
9:31 am – 9:35 am	Discussion
9:35 am – 9:39 am	146 - Impact of Ankylosing Spondylitis and Diffuse Idiopathic Skeletal Hyperostosis on Spinal Trauma Outcomes <i>Josh Callaway, BS, UC Davis Medical Center</i> <i>*Presented by Hania Shahzad, MD</i>

9:39 am – 9:43 am	652 - Limited Fusion for Congenital Scoliosis: Is it One and Done? <i>Brandon Yoshida, MD, University of Southern California</i>
9:43 am – 9:47 am	356 - Improving Outcomes in Endoscopic Spine Surgery: The Effect of Fluoroscopy Based 2D Navigation on Surgery Duration and Radiation Exposure <i>Andy T. Ton, MD, UC Irvine</i>
9:47 am – 9:51 am	113 - Segmental Trans-endplate Pedicle Screws Don't Induce Spinal Deformity in Piglets <i>John S. Vorhies, MD, Stanford University</i>
9:51 am – 9:55 am	156 - Lower Childhood Opportunity Index Predicts Lower PROMIS Among Spine Patients <i>John S. Vorhies, MD, Stanford University</i>
9:55 am – 10:00 am	Discussion

Rapid Fire Session 5D – Prosthetic Joint Infection (Kauai Ballroom 6)

Moderators: Antonia Chen, MD, MBA, *UT Southwestern Medical Center*
Nathanael D. Heckmann, MD, *Keck School of Medicine of USC*

9:15 am – 9:19 am	207 - Preoperative, Intra-Articular Injection for Hemostasis and Infection Prophylaxis in TKA <i>Nathan P. Fackler, MD, University of California, San Diego</i>
9:19 am – 9:23 am	175 - Assessing Diagnostic Accuracy of Synovial Send-out Laboratories for Knee PJI <i>Ryan C. Palmer, BS, University of Southern California Keck School of Medicine</i>
9:23 am – 9:27 am	139 - Cemented Metal-and-Polyethylene Spacers have Similar Cost Profiles with less Complications compared to All-Cement Articulating Spacers for Treatment of Knee Periprosthetic Joint Infection <i>Angel Xiao, MD, University of California, San Francisco</i>
9:27 am – 9:31 am	366 - Polymicrobial Coinfection Increases Staphylococcus Aureus Biofilm in Periprosthetic Joint Infection <i>Christopher D. Hamad, MD, University of California Los Angeles</i>
9:31 am – 9:35 am	Discussion

9:35 am – 9:39 am	15 - Prophage Count during PJI is Associated with an Increase in Resistance Genes <i>Derek F. Amanatullah, MD, PhD, Stanford University</i> <i>*Presented by Tony H.W. Chang, BS, MS</i>
9:39 am – 9:43 am	683 - The Efficacy of Cefazolin vs. Non-Cephalosporin Alternatives in Periprosthetic Joint Infection Prevention after Hip and Knee Arthroplasty <i>Sanjana D. Kanumuri, BS, University of Washington</i> <i>*Presented by Jaewon Yang, MD</i>
9:43 am – 9:47 am	16 - Circulating Bacteriophage DNA Distinguishes Staphylococcal Infection from Commensal Colonization <i>Derek F. Amanatullah, MD, PhD, Stanford University</i> <i>*Presented by Tony H.W. Chang, BS, MS</i>
9:47 am – 9:51 am	170 - Bariatric Surgery Patients at Increased Risk of PJI following TJA <i>Avinash Iyer, BS, Keck School of Medicine at USC</i>
9:51 am – 9:55 am	693 - Do Atypical Cultures Add Value in Revision Total Joint Arthroplasty? <i>David Jung, BA, University of Chicago Pritzker School of Medicine</i>
9:55 am – 10:00 am	Discussion
Rapid Fire Session 5E – General Interest (Kauai Ballroom 1)	
Moderators: Joseph T. Patterson, MD, <i>Keck School of Medicine of USC</i> Christopher L. Shultz, MD, <i>University of New Mexico</i>	
9:15 am – 9:19 am	721 - <24-Hour Hip Fracture Surgery in Patients on DOAC Reduces Bleeding <i>Peter A. Giammanco, BS, California University of Science and Medicine</i>
9:19 am – 9:23 am	605 - Use of Teriparatide for Fracture Healing in NCAA Division 1 Athletes <i>Cailan L. Feingold, BS, Keck School of Medicine of USC</i> <i>*Presented by Allisson Ariniello, BS</i>
9:23 am – 9:27 am	563 - Arthroscopic Posterior Labral Repair at Minimum Ten-Years Follow-Up <i>Natasha Simske, MD, William Beaumont Army Medical Center</i>

9:27 am – 9:31 am	529 - Revision vs. Primary Posterior Labral Repair: Five-Years Follow-Up <i>Amy Thompson, MD, William Beaumont Army Medical Center</i>
9:31 am – 9:35 am	Discussion
9:35 am – 9:39 am	713 - Hybrid Human Dermal Allograft and Knotless All-Suture Anchor Acromioclavicular Reconstruction Restores Translational and Rotational Stability <i>Jim C. Hsu, MD, Yale School of Medicine</i>
9:39 am – 9:43 am	590 - PPI on Post-Operative Complications following Intertrochanteric Femur Fracture <i>Kerollos Ibrahim, Rothman Orthopedic Institute, Orlando</i>
9:43 am – 9:47 am	612 - Risk Factors for Arthrofibrosis in Schenck 3 and 4 Multiligament Knee Injury Patients <i>Cailan L. Feingold, BS, Keck School of Medicine of USC</i> <i>*Presented by Ioanna K. Bolia, MD, MS</i>
9:47 am – 9:51 am	601 - Posterior Open Capsular Release for Knee Arthrofibrosis: A Technical Note and Early Outcomes <i>Eric H. Lin, BA, Keck School of Medicine of USC</i> <i>*Presented by Allisson Ariniello, BS</i>
9:51 am – 9:55 am	556 - Acromioclavicular Dislocations <i>Annette Yoon, MD, William Beaumont Army Medical Center</i>
9:55 am – 10:00 am	Discussion
10:00 am – 10:25 am	<i>Break – Please visit exhibits (Grand Ballrooms 2, 3 & 4)</i>
Symposium 4 – Orthopedics in Hawaii: Lessons from the Far, Far West	
Moderator: Linda Rasmussen, MD, <i>Windward Orthopaedic Group, Inc.</i>	
10:25 am – 10:35 am	Navigating Cultural Differences and Obesity to Improve Overall Health in Hawaii <i>Linda Rasmussen, MD, Windward Orthopaedic Group, Inc</i>
10:35 am – 10:45 am	Hawaiian Culture Integrated with Traditional Medicine <i>Andrew Keola Richardson, MD, Orthopedic Associates</i>
10:45 am – 10:55 am	Building Orthopedic Capacity in the Pacific

David Rovinsky, MD, FACS, University of Hawaii, John A. Burns School of Medicine

10:55 am – 11:05 am

Health Literacy and Cultural Differences

Janae L. Rasmussen, DO, Valley Consortium for Medical Education's Orthopedic Surgery

11:05 am – 11:25 am

Discussion

Concurrent Session 4A – Bone Health (*Grand Ballrooms 1, 6 & 7*)

Moderator: Carol A. Lin, MD, *Cedars-Sinai Medical Center*

11:30 am – 11:45 am

Menopause and Musculoskeletal Health

Margareta Pisarska, MD, Cedars-Sinai Medical Center

11:45 am – 12:00 pm

Osteoporosis Pharmacotherapy: An Update

Susan Bukata, MD, University of California, San Diego

12:00 pm – 12:15 pm

Building a Bone Health Program

Andrea Fox, DMSc, MMS, MHA, PA-C, Stanford School of Medicine

12:15 pm – 12:30 pm

Discussion

Concurrent Session 4B – Reverse Total Shoulder Arthroplasty: Biomechanics, Indications, and Managing Complications (*Ballroom 5*)

Moderator: Deana Mercer, MD, *University of New Mexico*

11:30 am – 11:42 am

rTSA Biomechanics

John M. Itamura, MD, Cedars Sinai Kerlan-Jobe Institute

11:42 am – 11:54 am

rTSA Indication for Fracture

Jennifer FitzPatrick, MD, Parkview Medical Center

11:54 am – 12:06 pm

Managing Complications of rTSA

Ronald A. Navarro, MD, Kaiser Permanente

12:06 pm – 12:18 pm

Management of Nerve Injury in rTSA

Deana Mercer, MD, University of New Mexico

12:18 pm – 12:30 pm

Discussion

Concurrent Session 4C – A Generalist's Guide to Pediatric Orthopaedic Trauma (*Garden Isles 4 & 5*)

Moderator: Meghan N. Imrie, MD, *Stanford University*

11:30 am – 11:42 am	Five Principles of Pediatric Fracture Remodeling <i>Meghan N. Imrie, MD, Stanford University</i>
11:42 am – 11:54 am	Tips and Tricks for Pediatric Upper Extremity Fractures <i>Kathleen D. Rickert, MD, Ascension Seton Medical Center Austin</i>
11:54 am – 12:06 pm	What to NOT Miss When You're Taking Peds Call <i>Holly B. Leshikar, MD, Shriners Children's</i>
12:06 pm – 12:18 pm	Spine Trauma Basics for the Adolescent <i>David Skaggs, MD, Cedars-Sinai Medical Center</i>
12:18 pm – 12:30 pm	Panel Discussion: Pediatric Tolerances: What Can We Accept, What Needs to be Fixed?

General Session 5 – Endowed Award Paper Presentations

Moderators: Kathryn L. Schabel, MD, *Oregon Health & Science University*
Jennifer M. van Warmerdam, MD, *UCSF Health St. Mary's Hospital*

12:35 pm – 12:41 pm	396 - Surgeon vs. Hospital Medicare Reimbursement for Revision Total Joint Arthroplasty <i>Jack Haglin, MD, Mayo Clinic</i>
12:41 pm – 12:47 pm	393 - Randomized Controlled Trial: Multimodal Pain Protocol After Outpatient Orthopaedic Trauma Surgeries <i>Brendan C. O'Leary, MD, University of California, San Diego</i>
12:47 pm – 12:53 pm	235 - Patients Receiving GLP-1 agonists Have Reduced Odds of Pseudoarthrosis Following Lumbar Decompression and Fusion Surgery <i>Abhinav K. Sharma, MD, University of California, Irvine, School of Medicine</i>
12:53 pm – 12:59 pm	88 - Wait to Check: Do Early Post-Intervention Radiographs Change Management After Pediatric Femur Fractures? <i>Kylie Shaw, MD, University of Colorado</i>
12:59 pm – 1:05 pm	476 - Dynamic Limb Assessment of High-Energy Lower Extremity Trauma Improves Prediction of Amputation <i>Christopher Stewart, MD, University of California, San Francisco</i>
1:05 pm – 1:10 pm	Discussion

1:10 pm – 1:16 pm	57 - Anterior-Humeral-Circumflex Artery Ligation Ablates Blood-Flow to Lesser Tuberosity Osteotomies <i>Tyler Thorne, MD, University of Utah</i>
1:16 pm – 1:22 pm	273 - Aspirin is an Effective Method of Prophylaxis in Primary TJA Patients with a History of VTE <i>Jens Verhey, MD, Mayo Clinic Arizona</i>
1:22 pm – 1:28 pm	24 - Revision and Postoperative Complication Rates after Conversion Total Hip Arthroplasty after Cephalomedullary Nailing of Intertrochanteric Femur Fractures: Systematic Review and Meta-Analysis <i>Harsh Wadhwa, BS, Stanford University</i>
1:28 pm – 1:34 pm	Clarence and Sherril Splithoff Pediatric Orthopaedic Surgery Award 585 - Pediatric Fracture Healing from Skeletal Perspective <i>Kira F. Skaggs, MD, Stanford University</i>
1:34 pm – 1:40 pm	John S. Smith Sr., MD, Military Resident Research Award 541 - Unidirectional Shoulder Instability Portends Larger Glenoid Bone Loss than Combined <i>Annette Yoon, MD, William Beaumont Army Medical Center</i>
1:40 pm – 1:45 pm	Discussion
1:35 pm – 2:35 pm	Scientific Poster (Grand Promenade) (Presenters are available to answer questions)
1:35 pm – 2:35 pm	Scientific E-Poster Session (Kauai Ballrooms 1, 2, 3, 4 & 6) (Presenters are available to answer questions)