<table>
<thead>
<tr>
<th>Time</th>
<th>Session/Activity</th>
<th>Presenter(s)</th>
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<tbody>
<tr>
<td>6:50</td>
<td><strong>Webinar Opens</strong></td>
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<tr>
<td>7:00</td>
<td>Welcome to Residents, Alumni, and Drs. Weber and Namba</td>
<td>Thomas P. Vail, MD</td>
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<td>7:05</td>
<td><strong>James. O Johnston Resident Case Presentation Symposium</strong></td>
<td>Residents</td>
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<tr>
<td>8:05</td>
<td>MRI-Based Shoulder Osteoarthritis Severity Score (SOAS) is Predictive of Functional Improvement Following Total Shoulder Arthroplasty</td>
<td>Michael Davies, MD</td>
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<td>8:13</td>
<td>The Effects of Non-Steroidal Anti-Inflammatory Medications After Rotator Cuff Surgery: A Randomized Double-Blinded Placebo-Controlled Trial</td>
<td>Andrew Figoni, MD</td>
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<td>8:21</td>
<td>Minimal Clinically Important Difference for the American Shoulder and Elbow Surgeons Score after Revision Shoulder Arthroplasty</td>
<td>Monica Coughlan, MD</td>
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<td>8:29</td>
<td>Comparing Patient-Reported Outcome Measurements for Femoroacetabular Impingement Syndrome: Are They All the Same?</td>
<td>Hayley Jansson, MD</td>
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<td>8:37</td>
<td>Discussion</td>
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<td>8:43</td>
<td><strong>Clinical Update:</strong> Biologic Injections for Musculoskeletal Conditions**</td>
<td>Brian Feeley, MD</td>
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<td>9:00</td>
<td><strong>Break</strong></td>
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<tr>
<td>9:15</td>
<td>Overcorrection of the Upper Instrumented Vertebra Relative to the Center of the Femoral Heads is Associated with Proximal Junctional Kyphosis</td>
<td>Hao-Hua Wu, MD</td>
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<td>9:23</td>
<td>Comparative Neurologic Risk by Surgical Approach for Thoracic Disc Herniation: Analysis of State Databases</td>
<td>Alekos Theologis, MD</td>
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<td>9:31</td>
<td>A Novel Mouse Model of Lumbar Disc Injury-Mediated Paraspinal Muscle Degeneration</td>
<td>Michael Davies, MD</td>
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<td>9:39</td>
<td>An Analysis of Prognostic Factors for Patients with Primary Osseous Malignancies of the Mobile Spine in the California Cancer Registry, 1988-2016</td>
<td>Sarah G. Stroud, MD</td>
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<td>9:47</td>
<td>Discussion</td>
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<td>9:52</td>
<td>The Utility of Virtual Reality as a Learning Tool for Trainees in Unicompartmental Knee Arthroplasty: A Randomized Controlled Trial</td>
<td>Musa Zaid, MD</td>
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<tr>
<td>10:00</td>
<td>Depth Camera Biomechanical Model for Kinematic Analysis in an Arthroplasty Clinic</td>
<td>Erik McDonald, MD, MAS</td>
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<td>10:08</td>
<td>Intraarticular Hip Corticosteroid Injections Offer No Meaningful Benefit in Prolonging Time to Total Hip Arthroplasty for Osteoarthritis</td>
<td>Musa Zaid, MD</td>
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<td>10:16</td>
<td>Impact of Fatty Degeneration on Functional Outcomes: Surgical Repair of Gluteal Tendon Repairs</td>
<td>Stefano Bini, MD</td>
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<td>10:24</td>
<td>Discussion</td>
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<tr>
<td>10:30</td>
<td><strong>52nd ANNUAL VERNE T. INMAN LECTURE I</strong> Opioids and Total Joint Replacement**</td>
<td>Introduction: Marvin Lo, MD</td>
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<td>Robert S. Namba, MD</td>
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P – Pain Credits
11:00  
Break

**PAPER SESSION 4 • MODERATOR: Nicole Schroeder, MD**

11:15  Inter-Observable and Intra-Observable Reliability of Classification Systems for Radiographic Complications after Radial Head Arthroplasty

Gopal Lalchandani, MD

11:23  Outcomes of Revision Radial Head Arthroplasty after Prior Radial Head Replacement

Matthew Cherches, MD

11:31  Incidence of Corrective Procedures after Nonoperatively Managed Distal Radius Fractures in the Elderly

Nicholas P. Satariano, MD

11:39  A Novel Mouse Model of Hindlimb Joint Contracture Using 3D-Printed Casts

Laura Moore, MD, PhD

11:47  Discussion

**PAPER SESSION 5 • MODERATOR: Melissa Zimel, MD**

11:52  Racial and Gender Shoulder Arthroplasty Utilization Disparities of High and Low Volume Centers in New York State

Alexander R. Markes, MD

12:00 pm  Financial and Medical Burdens of Youth Sports Specialization- A Survey of Pediatric Sports Patients

Sachin Allahabadi, MD

12:08  How Far Away is Your Hospital? Racial and Socioeconomic Differences in Distance Traveled to Receive Elective Hip Arthroplasty

Derek Ward, MD

12:16  Socioeconomic Disparities Exist in Access to Rotator Cuff Repair Surgery

Heather Roberts, MD

12:24  Discussion

12:30  **65th ANNUAL LEROY C. ABBOTT LECTURE I**

Culture Change in Orthopaedics: The Time is Now!

Kristy L. Weber, MD, FAAOS

**Introduction: Thomas Vail, MD**

1:00 pm  Adjourn

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**FRIDAY, MAY 14, 2021**

6:50 am  Webinar Opens

7:00  Welcome to Residents, Alumni, and Drs. Namba and Weber

Marvin Lo, MD

7:05  James. O Johnston Resident Case Presentation Symposium II

Residents

**PAPER SESSION 1 • MODERATOR: Jennifer Tangtiphaiboontana, MD**

8:00  Will Medicare’s Bundled Payments Program Threaten Patient Access?

Heather Roberts, MD

8:08  Fractal: Acoustic Fracture Detection and Monitoring

Justin Krogue, MD

8:16  Delays in Debridement of Open Long-Bone Fractures Increases Risk of Infection in Low- and Middle-Income Countries

Saam Morshed, MD, MPH

8:24  Long-Term Outcomes of Intramedullary Nailing Versus External Fixation in the Treatment of Open Tibia Fractures in Tanzania: Follow-Up Study of a Randomized Clinical Trial

Abigail C. Cortez, MD

8:32  Discussion

8:37  Update on IGOT: UCSF Orthopaedic Surgeons Abroad

Heather Roberts, MD

8:47  Break

P – Pain Credits
PAPER SESSION 2 • MODERATOR: Jason Jagodzinski, MD

9:02 Diagnosis and Management of Osteomyelitis in Children: A Critical Analysis Review Alex Gornitzky, MD
9:10 The Need for Orthopaedic Care for Adults with Cerebral Palsy Ravi Brar, MD
9:18 Venous Thromboembolism After Pelvic Osteotomy in Adolescent Patients: Analysis of Rates and Current Practices Sachin Allahabadi, MD
9:26 Factors Influencing Pediatric Patient Satisfaction Scores Jennifer O’Donnell, MD
9:34 Discussion
9:40 State of the Department Address Thomas Vail, MD

PAPER SESSION 3 • MODERATOR: Alfred Kuo, MD

10:00 Infection and Mechanical Complications are Risk Factors for New Diagnosis of Mental Health Disorder Following Total Joint Arthroplasty Andrew Figoni, MD
10:08 Risk of Endoprosthetic Infection and Impact on Health-Related Quality of Life: A Retrospective Case-Control Study Rosanna Wustrack, MD
10:16 Use of Antibiotic Laden Bone Cement in Primary Total Knee Arthroplasty is Associated with Lower Risk of Revision Arthroplasty Among US Veterans Ilya Bendich, MD
10:24 Articulating Spacers Reduces Operative Times and Extensile Exposures Tim Tan, MD
10:32 Discussion
10:37 52nd ANNUAL VERNE T. INMAN LECTURE II
Observations from Two Decades of the Kaiser Permanente Total Joint Registry
Introduction: Thomas Vail, MD
Robert S. Namba, MD
11:07 Break

11:17 65th ANNUAL LEROY C. ABBOTT LECTURE II
Kids, Dogs, Lesions, and Lumps: Current Challenges and Future Directions in Sarcoma
Introduction: Marvin Lo, MD
Kristy L. Weber, MD, FAAOS

PAPER SESSION 4 • MODERATOR: Raffi Avedian, MD

11:47 Identifying the Host Immune Response in Adult Undifferentiated Pleomorphic Sarcoma Rosanna Wustrack, MD
11:55 Early Prospective Results of Percutaneous Bone-Anchored Implants in Civilian Above Knee Amputation Patients Richard O’Donnell, MD
12:03 pm Incidence of Civilian Transfemoral and Transhumeral Amputees Who May Benefit from an Osseointegrated Percutaneous Prosthetic System Melissa Zimel, MD
12:11 Survival and Failure Modes of Pediatric Distal Femoral Expandable Endoprostheses: A Multi-Institutional Study Lee Jae Morse, MD
12:19 Discussion
12:24 Symposium: Oncologic Arthroplasty Cases
Moderator: Rosanna Wustrack, MD
Panel: Robert Namba, MD; Kristy Weber, MD; Richard O’Donnell, MD; Melissa Zimel, MD; Thomas Vail, MD; Jeff Barry, MD; Derek Ward, MD
1:00 pm Adjourn, Evaluations