**Monday, December 11**

12:00 pm-5:00 pm  **Board of Directors Meeting**

12:00 pm-8:00 pm  Meeting Registration

12:00 pm-11:59 pm  Speaker Ready Area

5:30 pm-6:30 pm  **Sponsor Reception**

6:30 pm-9:00 pm  **Welcome Reception with Exhibitors**

**Tuesday, December 12**

12:00 am-11:59 pm  Speaker Ready Area

6:30 am-8:00 am  **Registered Attendees’ Breakfast**

6:30 am-4:25 pm  Meeting Registration

6:00 am-6:55 am  **Scientific E-Poster Session** (Presenters will be available to answer questions.)

**Opening Ceremony**
Moderators:  CDR Lance E. LeClere, MD,  *US Naval Academy*  
            LCDR Lucas McDonald, MD, MPH,  *Naval Medical Center San Diego*  
            CAPT Charles E. Craven Jr., MD,  *Naval Medical Center San Diego*

7:00 am-7:10 am  Color Guard

7:10 am-7:20 am  Program Chairmen Welcome

7:20 am-7:30 am  Report of SOMOS President

7:30 am-8:30 am  Presidential Keynote Speaker  
                  *VADM Forest Faison, Surgeon General of the Navy*

8:30 am-8:50 am  **Break with Exhibitors**

**Symposium 1: Lower Extremity Injuries 1**
Moderator:  Col. Brandon R. Horne, MD,  *Wright Patterson Air Force Base*

8:50 am-9:15 am  Title
CAPT (Ret) Michael Bosse, MD, Carolinas Medical Center Orthopaedics

9:15 am-9:20 am Discussion

**General Session 1: War Trauma**
Civilian Moderator: CAPT (Ret) Michael Bosse, MD, Carolinas Medical Center Orthopaedics
Military Moderator: Col. Brandon R. Horne, MD, Wright Patterson Air Force Base

9:20 am-9:26 am Risk Factors for Osteomyelitis in Wartime Open Tibia Fractures Do Not Predict Recurrence of Infection
*MAJ Joseph L. Petfield, MD, Landstuhl Regional Medical Center*

*LT Benjamin W. Hoyt, MD, Walter Reed National Military Medical Center*

9:32 am-9:38 am Physical Performance Measures And Patient Reported Outcomes Which Predict Future Amputation
*CPT Nathan A. Franklin, DO, William Beaumont Army Medical Center*

9:38 am-9:44 am Osseointegration for the Reconstruction of Devastating Military and Terrorist Blast Injuries
*Solon Rosenblatt, MD, Macquarie University Hospital*

9:44 am-9:50 am Discussion

9:50 am-9:56 am Tranexamic Acid Administration And Venous Thromboembolism In Combat Casualties With Orthopedic Injuries
*CPT Michael Baird, MD, Uniformed Services University of the Health Sciences*

9:56 am-10:02 am Operative Stabilization of Unstable Flail Chest Injuries Reduces Mortality to that of Stable Chest Wall Injuries
*Michael David McKee, MD, FRCS(C), St. Michael's Hospital, University of Toronto*

10:02 am-10:08 am In Vivo Antimicrobial Efficacy And Degradation Kinetics Of Dakin’s Solution, An Adjunctive Treatment For Combat Wound Infections
*CPT Nathan A. Franklin, DO, William Beaumont Army Medical Center*

10:08 am-10:14 am Increase In The Proportion Of Combat-Related Amputations Forming Heterotopic Ossification
*CPT Christopher M. Daniels, MD, Walter Reed National Medical Center*

10:14 am-10:20 am Discussion

10:20 am-10:40 am Break with Exhibitors
Symposium 2: Lower Extremity Injuries 2
Moderator: LCDR Bradley K. Deafenbaugh, MD - Navy

10:40 am-11:05 am Title
Alexandra (Sandy) Schwartz, MD, University of California, San Diego

11:05 am-11:10 am Discussion

General Session 2: Lower Extremity Trauma
Civilian Moderator: Alexandra (Sandy) Schwartz, MD, University of California, San Diego
Military Moderator: LCDR Bradley K. Deafenbaugh, MD, Naval Medical Center San Diego

11:10 am-11:16 am Osseointegrated Implants for Trans Femoral Amputees: Radiographic Evaluation of Bone Remodeling
Seamus Thomson, PhD, The University of Sydney

11:16 am-11:22 am Treatment of Bone Defects In Open Tibia Fractures Treated With an IMN
MAJ William T Obremskey, MD, Vanderbilt University

11:22 am-11:28 am Limb Salvage and Amputation Outcomes Following Severe Distal Tibia and Hindfoot Injuries: A Multi-Center Prospective Evaluation
CAPT (Ret) Michael Bosse, MD, Carolinas Medical Center Orthopaedics

11:28 am-11:34 am Martial Arts-Based High Intensity Interval Training In The Rehabilitation Of Combat Amputees
Capt Gavin L. Mills, MD, San Antonio Military Medical Center

11:34 am-11:40 am Discussion

11:40 am -11:46 am The Outcomes of Early Surgical Intervention in Geriatric Proximal Femur Fractures among Patients Receiving Direct Oral Anticoagulation
CPT Nathan A. Franklin, DO, William Beaumont Army Medical Center

11:46 am -11:52 am Incidence, Predictors, And Impact Of Valgus Reduction Of Intertrochanteric Hip Fractures Treated With The Trochanteric Fixation Nail Helical Blade System: Is Anatomic Reduction Necessary?
CPT Nicholas Kusnezov, MD, William Beaumont Army Medical Center

11:52 am -11:58 am Is The Timing Of Operative Splint Removal Following Surgical Fixation Of Ankle Fractures Associated With The Development Of Wound Complications?
LT Lauren Ehrlichman, MD, Naval Hospital Beaufort

11:58 am -12:04 pm Initiating A Diabetes Control Protocol During Inpatient Admissions Decreases Surgical Site Infections Among Diabetic Trauma Patients
CPT Stephen Chan, MD, William Beaumont Army Medical Center

12:04 pm-12:10 pm Discussion

12:15 am-1:15 pm SOMOS Luncheon – Industry Presentation
### Symposium 3: Upper Extremity Trauma

**Moderator:** MAJ Elizabeth Polfer, MD, *Walter Reed National Military Medical Center*

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Speaker(s)</th>
<th>Title</th>
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<tbody>
<tr>
<td>1:20 pm-1:45 pm</td>
<td>Title</td>
<td>Steven J. Morgan, MD, FACS, <em>Mountain Orthopaedic Trauma Surgeons at Swedish Medical Center</em></td>
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<td>1:45 pm-1:50 pm</td>
<td>Discussion</td>
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<td>1:50 pm-1:56 pm</td>
<td>Outcomes Of Surgical Treatment For High-Energy Open Forearm Fractures</td>
<td>LT Kyle E. Nappo, MD, <em>Walter Reed National Military Medical Center</em></td>
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<td>1:56 pm-2:02 pm</td>
<td>Operative vs. Non-Operative Treatment of Acute Displaced Distal Clavicle Fractures: A Multicentre Randomized Controlled Trial</td>
<td>Michael David McKee, MD, FRCS(C), <em>St. Michael's Hospital, University of Toronto</em></td>
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<td>2:02 pm-2:08 pm</td>
<td>Figure of Eight Bracing for Displaced Midshaft Pediatric Clavicle Fractures: Effect on Shortening Compared to Simple Sling Treatment</td>
<td>CPT Christopher Sugalski, MD, <em>Ohio State University Medical Center</em></td>
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<td>2:08 pm-2:14 pm</td>
<td>Factors Associated with Ulnar Neuropathy After Bi-Columnar Plate Fixation of Distal Humerus Fractures</td>
<td>Michael David McKee, MD, FRCS(C), <em>St. Michael's Hospital, University of Toronto</em></td>
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<td>2:14 pm-2:20 pm</td>
<td>Discussion</td>
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<td>2:20 pm-2:26 pm</td>
<td>Palovarotene Dampens Local And Systemic Inflammation As Well As Osteogenic Connective Tissue Progenitor Cell Activity In A Rat Model Of Trauma-Induced Heterotopic Ossification</td>
<td>LT Benjamin M. Wheatley, MD, <em>Walter Reed National Military Medical Center</em></td>
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<td>2:26 pm-2:32 pm</td>
<td>Targeted Reinnervation for the Orthopaedic Trauma Amputee</td>
<td>Travis Frantz, MD, <em>Ohio State University Wexner Medical Center</em></td>
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<td>2:32 pm-2:38 pm</td>
<td>Advanced Characterisation of Combat Related Heterotopic Ossification and In Vivo Feasibility Study of a Novel Therapy</td>
<td>Major Neil M. Eisenstein, BMBCh MRCS, <em>University of Birmingham, UK</em></td>
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<td>2:38 pm-2:44 pm</td>
<td>Proximal Femur Hounsfield Units on Computed Tomography Colonoscopy Accurately Predicts Low Bone Mineral Density: A Novel Osteoporosis Screening Technique</td>
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LCDR Daniel L. Christensen, MD, Walter Reed National Military Medical Center

2:44 pm-2:50 pm Discussion

2:50 pm-3:10 pm Break with Exhibitors

**Rapid Fire Session 1A: Trauma**

Moderators: Alexandra (Sandy) Schwartz, MD, University of California, San Diego
LCDR Bradley K. Deafenbaugh, MD, Naval Medical Center San Diego

3:10 pm - 3:14 pm Assessment Of Follow-Up And Osteoporosis Treatment In Patients With Frailty Fractures
*Capt Sean P. Moroze, MD, San Antonio Military Medical Center*

3:14 pm - 3:18 pm A Comparative Study Of Orthopedic And Radiology Reads Of Orthopedic Injuries At A Level-One Trauma Center
*CPT Griffin M. Biedron, MD, William Beaumont Army Medical Center*

3:18 pm - 3:22 pm Incorporation Of Familiar Surgical Instrumentation Into A Modified Surgical Construct For Treating Pauwels III Femoral Neck Fractures
*Bernard P. Kemker, MD, Michigan State University*

3:22 pm - 3:25 pm Discussion

3:25 pm - 3:29 pm Outcomes Associated With Early Return To Work And Improved Functional Outcome After Ankle Fracture Fixation
*Michael David McKee, MD, FRCS(C), St. Michael's Hospital, University of Toronto*

3:29 pm - 3:33 pm Outcomes Of Early vs. Late Post-Operative Weightbearing In Patients Undergoing Surgical Fixation Of Ankle Fractures: A Systematic Review And Meta Analysis
*Michael David McKee, MD, FRCS(C), St. Michael's Hospital, University of Toronto*

3:33 pm - 3:37 pm Effect Of Nonsteroidal Anti-Inflammatory Drugs (Nsaids) On Bone Healing Rates: A Meta-Analysis
*LT Benjamin M. Wheatley, MD, Walter Reed National Military Medical Center*

3:37 pm - 3:40 pm Discussion

**Rapid Fire Session 1B: War Trauma/Military Medicine**

Moderators: CAPT (Ret) Michael Bosse, MD, Carolinas Medical Center Orthopaedics
Col. Brandon R. Horne, MD, Wright Patterson Air Force Base

3:10 pm - 3:14 pm The Orthopedic Surgeon In The Field: An Update On Disaster Medicine
*William H. Boyce, BA, Dartmouth College*
3:14 pm -3:18 pm Epidemiology Of Heterotopic Ossification Following Deployment Related Injury
MAJ Jessica Cross Rivera, MD, US Army Institute of Surgical Research

3:18 pm -3:22 pm Are Surgical Skills Under-Emphasized in Disaster Literature? A Literature Review
CAPT Steven R. Wilding, MD, Tripler Army Medical Center

3:22 pm -3:25 pm Discussion

3:25 pm -3:29 pm Civilian-Military Collaboration During Natural Disasters: Civilian Perspective
Major Nikolaj Wolfson, MD, CPMC, St Mary's Medical Center

3:29 pm -3:33 pm Characterization Of US Military Orthopaedic Medical Readiness And Training Exercises: Not All Medretes Are Created Equal
CPT David J. Tennent, MD, San Antonio Military Medical Center

3:33 pm -3:37 pm Demographics And Disparities Within US Military Orthopaedic Surgery
CPT Christopher M. Daniels, MD, Walter Reed National Medical Center

3:37 pm -3:40 pm Discussion

**Rapid Fire Session 1C: Basic Science/Trauma**
Moderators: Steven J. Morgan, MD, FACS, Mountain Orthopaedic Trauma Surgeons at Swedish Medical Center
CDR Colin Crickard, MD, Naval Medical Center Portsmouth

3:10 pm -3:14 pm Inhibiting Protein-Protein Interaction as Aa Strategy For Epigenetic Targeting in Peripheral Nerve Regeneration
CPT Christopher M. Daniels, MD, Walter Reed National Medical Center

3:14 pm -3:18 pm Evaluation of Factors Influencing Fixation of a Pauwels III Femoral Neck Fracture Using a Traid of Screws
Sean Caskey, DO, McLaren Flint

3:18 pm -3:22 pm Testosterone Levels in Anterior Cruciate Ligament Reconstruction Vs. Arthroscopic Meniscal Debridement
LT Matthew J. Wilson, MD, Naval Medical Center Portsmouth

3:22 pm -3:25 pm Discussion

3:25 pm -3:29 pm Glenoid Neck Hounsfield Units on Computed Tomography can Accurately Identify Patients with Low Bone Mineral Density
LT Kyle E. Nappo, MD, Walter Reed National Military Medical Center

3:29 pm -3:33 pm Radiographic Relationship Between The Lateral Tibial Plateau And Lateral Femoral Condyle In Normal Adult Knees
Nima Kabirian, MD, University of Southern California
3:33 pm - 3:37 pm  Effect of Medical Comorbidities on Quadriceps Tendon Tear Morphology and Complexity  
_LCDR Conor B. Garry, MD, Montefiore Medical Center_

3:37 pm - 3:40 pm  Discussion

**Rapid Fire Session 1D: Practice Management and Education**

Moderators:  Scott W. Helmers, MD, _Southern California Permanente Medical Group_  
LtCol Andy Mack, MD, _Walter Reed National Military Medical Center_

3:10 pm - 3:14 pm  Survey On Mental Health In Orthopedic Surgery Residents Across North America  
_LT Michelle M. Gosselin, MD, Washington University in Saint Louis/Barnes-Jewish Hospital_

3:14 pm - 3:18 pm  Risk Of Burnout In Faculty And Resident Orthopaedic Surgeons At ACS Certified Level-I Trauma Centers  
_CPT David J. Tennent, MD, San Antonio Military Medical Center_

3:18 pm - 3:22 pm  AAOS Res Study Program And The Effectiveness On The Orthopedic In-Training Examination  
_O-3 Ian Mullikin, MD, San Antonio Military Medical Center_

3:22 pm - 3:25 pm  Discussion

3:25 pm - 3:29 pm  A Preliminary Investigation Of Risk Factors For Prolonged Opioid Use Following Anterior Cruciate Ligament  
_LT Ashley B. Anderson, MD, Walter Reed National Military Medical Center_

3:29 pm - 3:33 pm  Can A Bayesian Belief Network Be Used To Predict Prolonged Opioid Use After Anterior Cruciate Ligament Reconstruction?  
_LT Ashley B. Anderson, MD, Walter Reed National Military Medical Center_

3:33 pm - 3:37 pm  Musculoskeletal Injury Treatment And Resource Utilization In United States Military Veterans, Fiscal Year (FY)  
_Timothy C. Mauntel, PhD, ATC, Walter Reed National Military Medical Center_

3:37 pm - 3:40 pm  Discussion

**Symposium 4: Orthopaedic Oncology**

Moderator:  MAJ Dustin Lybeck, MD, _San Antonio Military Medical Center_

3:45 pm - 4:10 pm  Title  
_Scott W. Helmers, MD, Southern California Permanente Medical Group_

**General Session 4: Orthopaedic Oncology**

Civilian Moderator:  Scott W. Helmers, MD, _Southern California Permanente Medical Group_  
Military Moderator:  MAJ Dustin Lybeck, MD, _San Antonio Military Medical Center_
4:10 pm-4:16 pm External Validation Of A Tool For Survival Estimation In Patients With Metastatic Bone Disease Treated With Surgical Fixation Utilizing A Military Health System Cohort
LT Ashley B. Anderson, MD, Walter Reed National Military Medical Center

4:16 pm-4:22 pm External Validation Of A Tool For Survival Estimation In Patients With Metastatic Bone Disease Treated With Radiation Utilizing A Military Health System Cohort
LT Ashley B. Anderson, MD, Walter Reed National Military Medical Center

4:22 pm-4:28 pm Low Grade Central Osteosarcoma: A Single Institution Experience With Long Term Follow Up
MAJ Dustin Lybeck, MD, San Antonio Military Medical Center

4:28 pm-4:34 pm Does Obesity Mask Soft Tissue Sarcoma Growth?
Capt George A. Cibulas, PharmD, MD, University of Michigan

4:34 pm-4:40 pm Discussion

4:40 pm-4:46 pm Analysis of Patient Centered Orthopaedic Oncology Care at a Military Facility
CPT Sean Kelly, MD, San Antonio Military Medical Center

4:46 pm-4:52 pm Are All Femurs Created Equal? The Basis for Femoral Component Design of the Osseointegration Implant
Solon Rosenblatt, MD, Macquarie University Hospital

4:52 pm-4:58 pm Rate Of Metabolic And Endocrine Abnormalities In Patients With Stress Fractures
MAJ Daniel J. Song, MD, Landstuhl Regional Medical Center

4:58 pm-5:04 pm Development and Evaluation of Weight Bearing Bone Grafts
CPT David J. Tennent, MD, San Antonio Military Medical Center

5:04 pm-5:10 pm Discussion

5:10 pm-6:10 pm Scientific E-Poster Session (Presenters will be available to answer questions.)

6:10 pm -7:10 pm Multimedia Education Session

7:00 pm-9:00 pm Commander’s Cup Event – Texas Shootout

Wednesday, December 13 - Warren Kadrmas Memorial Sports Day

12:00 am-11:59 pm Speaker Ready Area
5:45 am-6:45 am  Commander’s Cup Event - 5K Race

6:30 am-7:00 am  Scientific E-Poster Session (Presenters will be available to answer questions.)

6:30 am-8:00 am  Registered Attendees’ Breakfast

6:30 am-4:30 pm  Meeting Registration

Symposium 5: Sports - Knee
Moderator:  Lt Col Ross A. Schumer, MD, San Antonio Military Medical Center

7:00 am-7:25 am  Title
Darren L. Johnson, MD, University of Kentucky Sports Medicine

7:25 am-7:30 am  Discussion

General Session 5: Sports - Knee
Civilian Moderator:  Darren L. Johnson, MD, University of Kentucky Sports Medicine
Military Moderator:  Lt Col Ross A. Schumer, MD, San Antonio Military Medical Center

7:30 am-7:36 am  Meniscectomy And Resultant Articular Cartilage Lesions Of The Knee In Prospective National Football League Players: An Imaging And Performance Analysis
CAPT (Ret) Matthew T. Provencher, MD, The Steadman Clinic

7:36 am-7:42 am  Surgical Repair Of The Knee Extensor Mechanism: Are There Differences In The Rates And Timing Of Failure?
Captain Aaron M. Roberts, MD, University of Rochester

7:42 am-7:48 am  Change in KOOS and WOMAC Scores Over 4 Years In A Young, Athletic Population With and Without Anterior Cruciate Ligament Injury
MAJ Ivan J. Antosh, MD, Eisenhower Army Medical Center

7:48 am-7:54 am  Evaluation And Management Of Pediatric Proximal Humerus Fractures
LT Ethan Bernstein, MD, MPH, Naval Medical Center San Diego

7:54 am-8:00 am  Discussion

8:00 am-8:06 am  Clinical Outcomes of Multiple Osteochondral Allograft Transplantation of the Knee: An Analysis of Snowman Technique and Multifocal Lesions
MAJ (Ret) Brian R. Waterman, MD, Wake Forest Baptist

8:06 am-8:12 am  Return To Duty After ACL Reconstruction: Are They Getting And Staying Back In The Fight?
MAJ Jay Brandon Cook, MD, Winn Army Community Hospital

8:12 am-8:18 am  Return To Duty After Multiligamentous Knee Reconstructions In Active Duty Service Members
CPT Robert C. Turner, MD, Tripler Army Medical Center

8:18 am-8:24 am MRI-Based Analysis Of Knee Composition Is Correlated With Outcomes After Anterior Cruciate Ligament Reconstruction  
_Capt Kartik Shenoy, MD, NYU Hospital for Joint Diseases_

8:24 am-8:30 am Discussion

8:30 am-8:50 am Break with Exhibitors

Rapid Fire Session 2A: Shoulder and Elbow
Moderators: COL (Ret) Dean C. Taylor, MD, Duke University Medical Center  
MAJ Stephen A. Parada, MD, Dwight D. Eisenhower Army Medical Center, Fort Gordon, GA

8:50 am-8:54 am Outcome Measures Following Medial Ulnar Collateral Ligament Reconstructions In A Military Population  
_John B. Fuller, MD, William Beaumont Army Medical Center_

8:54 am-8:58 am Return to Sporting Activity after Ulnar Nerve Transposition for Isolated Neuritis in Competitive Overhead  
_MAJ (Ret) Brian R. Waterman, MD, Wake Forest Baptist_

8:58 am-9:02 am Incidence Of Cubital Tunnel Syndrome In The US Military Population  
_CPT Andrew G. Chan, MD, MPH, William Beaumont Army Medical Center_

9:02 am-9:05 am Discussion

9:05 am-9:09 am Mid-Term Functional Outcomes And Complications Following Pectoralis Major Tendon Reconstruction In Active Duty Military Personnel  
_CPT Drew W. Nute, MD, William Beaumont Army Medical Center/Texas Tech – Selected for_

9:09 am-9:13 am High Tensile Strength Tape vs High Tensile Strength Suture In Labral Repair And Capsulorrhaphy: A Biomechanical Study  
_LT Nicholas P. Lopreiato, MD, Naval Medical Center San Diego_

9:13 am-9:17 am Biomechanical Evaluation Of Unicortical Stress Risers Of The Proximal Humerus Associated With Pectoralis Major Repair  
_CPT Brian P. Milam, MD, Madigan Army Medical Center_

9:17 am-9:20 am Discussion

Rapid Fire Session 2B: Sports Injuries - Hip
Moderators: MAJ Esteban Garcia MD, William Beaumont Army Medical Center  
LTC Jeffrey Giuliani, MD, Walter Reed National Military Medical Center

8:50 am-8:54 am The Effect Of Previous Methylphenidate Use On Incidence Of Stress Fractures In Military Recruits: A Retrospective Cohort  
_CPT Haggai Schermann, MD, Tel-Aviv Sourasky Medical Center_
8:54 am-8:58 am  Tension-Sided Femoral Neck Stress Fractures: Nonoperative Treatment Without Progression
*LT Kyle Mombell, MD, Naval Medical Center San Diego*

8:58 am-9:02 am  Radiographic, Histologic, And Clinical Characteristics Of Patients With Paralabral Ossicles In Femoroacetabular Impingement
*LCDR Daniel L. Christensen, MD, Walter Reed National Military Medical Center*

9:02 am-9:05 am  Discussion

9:05 am-9:09 am  Surgical Variables That Predict Successful Outcomes After Arthroscopic Surgery for Femoroacetabular Impingement
*COL Bryant G. Marchant, MD, Madigan Army Medical Center*

9:09 am-9:13 am  Influence of Joint Hypermobility on Patient-Reported Outcomes after Hip Arthroscopy for Femoroacetabular Impingement Syndrome
*MAJ (Ret) Brian R. Waterman, MD, Wake Forest Baptist*

9:13 am-9:17 am  Longer Preoperative Symptom Duration Leads to Lower Patient Satisfaction and Worse Function after Hip Arthroscopy
*MAJ (Ret) Brian R. Waterman, MD, Wake Forest Baptist*

9:17 am-9:20 am  Discussion

**Rapid Fire Session 2C: Shoulder Instability**
Moderators:  COL (Ret) Dean C. Taylor, MD, *Duke University Medical Center*
MAJ Kelly G. Kilcoyne, MD, *William Beaumont Army Medical Center*

8:50 am-8:54 am  Tobacco Use Is a Risk Factor for Recurrent Dislocation After Arthroscopic Bankart Repairs
*MAJ Kevin P. Krul, MD, Tripler Army Medical Center*

8:54 am-8:58 am  Incidence of Bone Loss in Circumferential Lesions of the Glenoid Labrum
*CPT Henry H. Yu, MD, Madigan Army Medical Center*

8:58 am-9:02 am  Surgical Implications Of The Distal Tibia Morphology For Glenoid Augmentation
*CPT Colleen M. Moreland, DO, Eisenhower Army Medical Center*

9:02 am-9:05 am  Discussion

9:05 am-9:09 am  Pathoanatomy and Bone Loss Associated with First-Time and Recurrent Anterior Shoulder Instability in Collegiate Athletes: A Prospective Multicenter Study
*MAJ Jonathan F. Dickens, MD, Walter Reed National Military Medical Center*

9:09 am-9:13 am  Baseline Functional Scores In Soldiers Undergoing Arthroscopic Shoulder Stabilization
9:13 am-9:17 am  Clinical Validation Of The Role Of Glenoid Version And Inclination In Anteroinferior Glenohumeral Instability  
CPT James Shaha, MD, Brian Allgood Community Hospital

9:17 am-9:20 am  Discussion

**Rapid Fire Session 2D: Shoulder and Biceps**
Moderators:  COL Mark P. Pallis, MD, William Beaumont Army Medical Center  
LCDR James E. Hammond, DO, Portsmouth Naval Hospital

8:50 am-8:54 am  Arthroscopic Treatment of Posterior Shoulder Instability with and without Glenoid Dysplasia  
MAJ Joseph W. Galvin, DO, Blanchfield Army Community Hospital

8:54 am-8:58 am  Incidence of Bone Deficiency in Patients with Posterior Glenohumeral Instability  
CPT Jared Wolfe, MD, Walter Reed National Military Medical Center

8:58 am-9:02 am  The Results Of Posterior Labral Repairs In Baseball Players With Minimum 2-Year Follow-Up  
Capt Timothy P. McCarthy, MD, Emory University

9:02 am-9:05 am  Discussion

9:05 am-9:09 am  Risk Factors For Failure Of Non-Operative Treatment Of Posterior Labral Tears  
LCDR Daniel L. Christensen, MD, Walter Reed National Military Medical Center

9:09 am-9:13 am  High Return To Preoperative Military Function After Arthroscopic Panlabral Repairs For Complex Shoulder Instability  
CPT Andrew G. Chan, MD, MPH, William Beaumont Army Medical Center

9:13 am-9:17 am  Patient Preferences For Treatment Of Shoulder And Proximal Biceps Disorders Are Associated With Patient Age, Race, Sex And Activity Level  
LT Michelle M. Gosselin, MD, Washington University in Saint Louis/Barnes-Jewish Hospital

9:17 am-9:20 am  Discussion

**Symposium 6: Sports - Foot and Ankle**
Moderator:  LTC Thomas C. Dowd, MD, San Antonio Military Medical Center

9:25 am-9:50 am  Title  
Robert B. Anderson, MD, Ortho Carolina Foot and Ankle Institute

9:50 am-9:55 am  Discussion
General Session 6: Sports - Foot and Ankle
Civilian Moderator: Robert B. Anderson, MD, Ortho Carolina Foot and Ankle Institute
Military Moderator: LTC Thomas C. Dowd, MD, San Antonio Military Medical Center

9:55 am-10:01 am Achilles Tendinopathy Outcomes within the Active Duty Population CPT Gregory E. Lausé, MD, Tripler Army Medical Center

10:01 am-10:07 am Does Clinical Exam And Ultrasound Correlate With MRI Findings When Assessing Tendon Approximation In Acute Achilles Tendon Tears? A Clinical Study CPT Justin J. Ernat, MD, Blanchfield Army Community Hospital

10:07 am-10:13 am Ultrasound Measurement Of The Achilles Tendon In An Asymptomatic Elite Military Population: Cross Sectional Area Of The Achilles Tendon In A Prospective Cohort Of An Elite Military Population MAJ Kevin D. Martin, DO, Evans Army Community Hospital

10:13 am-10:19 am Discussion

10:19 am-10:25 am Outcomes Of Particulated Juvenile Cartilage Transplantation For Osteochondral Lesions Of The Talus In A High-Demand Population CPT Kenneth Heida, MD, William Beaumont Army Medical Center

10:25 am-10:31 am Ankle Distraction Arthroplasty Compared to other Cartilage Preservation Procedures in Patients with Post Traumatic Arthritis: A Systematic Review Capt Jason A. Beachler, MD, San Antonio Military Medical Center

10:31 am-10:37 am Outcomes Following Modified Brostrom Procedure for Chronic Lateral Ankle Instability With and Without Peroneal Tendon Exploration/Repair CPT Brian P. Milam, MD, Madigan Army Medical Center

10:37 am-10:43 am Discussion

10:43 am-11:03 am Break with Exhibitors

Seminar 1: Joint-Service Research Initiative - MOTION
Speaker: MAJ Jonathan F. Dickens, MD, Walter Reed National Military Medical Center RADM Bruce L. Gillingham, MD, USN, Deputy Chief, Readiness and Health Directorate, Chief Quality Officer, Bureau of Medicine and Surgery

11:05 am-12:15 pm Title

12:15 pm-12:25 pm Discussion

12:30 pm-1:30 pm SOMOS Luncheon – Industry Presentation

Symposium 7: Sports Injuries
Moderator: MAJ Kelly G. Kilcoyne, MD, William Beaumont Army Medical Center

1:30 pm-1:55 pm Title
General Session 7: Sports Injuries
Civilian Moderator: COL (Ret) Dean C. Taylor, MD, Duke University Medical Center
Military Moderator: MAJ Kelly G. Kilcoyne, MD, William Beaumont Army Medical Center
MAJ Esteban Garcia, MD, William Beaumont Army Medical Center

2:00 pm-2:06 pm 
Shoulder Injection Prior To Rotator Cuff Repair Is Associated With Increased Risk Of Subsequent Surgery  
Capt Sophia A. Traven, MD, Medical University of South Carolina

2:06 pm-2:12 pm
Enhanced Multi-Modal Analgesia Pathway Associated With Reduced 90-Day Opioid Prescribing After Elective Sports Orthopaedic Surgery 
MAJ Jeanne C. Patzkowski, MD, Tripler Army Medical Center

2:12 pm-2:18 pm
Using the Kerlan Jobe Orthopaedic Shoulder Score to Predict Future Injury in Professional Baseball Pitchers 
LT Vanna Rocchi, DO, Naval Medical Center San Diego

2:18 pm-2:24 pm
Intraoperative Evaluation Of SLAP Tear Morphology: A Retrospective Review 
LT Hannah Kirby, MD, Naval Medical Center San Diego

2:24 pm-2:30 pm
Discussion

2:30 pm-2:36 pm
Liposomal Bupivacaine versus Bupivacaine with Fascia Iliaca blockade for perioperative pain management during hip arthroscopy: A Double-Blinded Prospective Randomized Control Trial 
CPT Patrick D. Grimm, MD, Walter Reed National Military Medical Center

2:36 pm-2:42 pm
Circumferential Labral Reconstruction With ITB Allograft: A Viable Option For Patients With Missing Or Severely Compromised Labral Tissue? 
2LT John P. Scanaliato, BS, Uniformed Services University of the Health Sciences School of Medicine

2:42 pm-2:48 pm
Mid To Long-Term Follow-Up Of MRI Proven Acetabular Labral Pathology In Previously Asymptomatic Patients 
LtCol Matthew R. Schmitz, MD, San Antonio Military Medical Center

2:48 pm-2:54 pm
Hip Arthroscopy For Femoroacetabular Impingement In A Military Population 
LT Ethan Bernstein, MD, MPH, Naval Medical Center San Diego

2:54 pm-3:00 pm
Discussion

3:00 pm-3:20 pm
Break
Seminar 2: Transitioning Your Practice from Military to Civilian
Moderator: CAPT John-Paul H. Rue, MD, Mercy Medical Center

3:20 pm-4:50 pm "Things to appreciate when you're in the military; What to Look For When You are Finding Civilian Employment; How to get the most of it when you're there"
Panel: CDR Leo Kroonen USNR, Permanente Medical Group
COL (Ret) Tad Gerlinger, Rush University

4:50 pm -5:50 pm **Scientific E-Poster Session Tour** (Presenters will be available to answer questions.)

5:50 pm -6:50 pm **Multimedia Education Session**

7:00 pm-9:00 pm **Commander’s Cup Event- Build a Boat**

**Thursday, December 14**

12:00 am-11:59 pm Speaker Ready Area

5:30 am-8:00 am **Registered Attendees’ Breakfast**

6:00 am-7:00 am **Service Breakouts**
Air Force
Army
Navy

6:00 am-11:50 am Meeting Registration

**Symposium 8: Adult Reconstruction**
Moderator: LCDR Brian T. Barlow, MD, Naval Medical Center San Diego

7:00 am-7:25 am Update in Total Joint Replacement
*James V. Bono, MD, New England Baptist Hospital*

7:25 am-7:30 am Discussion

**General Session 8: Adult Reconstruction**
Civilian Moderator: James V. Bono, MD, New England Baptist Hospital
Military Moderator: LCDR Brian T. Barlow, MD, Naval Medical Center San Diego

7:30 am-7:36 am Fewer Complications Following Revision Hip And Knee Arthroplasty In Patients With Normal Vitamin D Levels
*Capt Sophia A. Traven, MD, Medical University of South Carolina*

7:36 am-7:42 am Acetabular Placement Accuracy With The Direct Anterior Approach Free-Hand Technique
*Melissa C. Soderquist, BS, Georgetown University School of Medicine*
7:42 am-7:48 am  Does Periarticular Infiltration of a Local Anesthetic Cocktail Have Similar Efficacy As A Continuous Femoral Nerve Block During the First Two Days after Total Knee Arthroplasty

  LT Michael A. Quacinella, DO, MPH, Naval Medical Center San Diego

7:48 am-7:54 am  Is there Any Role For Direct Repair of Extensor Mechanism Disruption Following Total Knee Arthroplasty?

  COL (Ret) Tad Gerlinger, MD, Rush University

7:54 am-8:00 am  Discussion

8:00 am-8:06 am  Geographic Trends In Total Joint Arthroplasty In The Military Health System

  LT Ashley B. Anderson, MD, Walter Reed National Military Medical Center

8:06 am-8:12 am  Enhanced Multi-Modal Analgesia Pathway Associated with Reduced Hospital Length of Stay After Total Knee Arthroplasty

  MAJ Jeanne C. Patzkowski, MD, Tripler Army Medical Center

8:12 am-8:18 am  Mechanical Knee Alignment in Osteoarthritic Knees Versus Non-Arthritic Knees: What is a Normal Joint Line?

  LCDR Brian T. Barlow, MD, Naval Medical Center San Diego

8:18 am-8:24 am  Return to Active Duty After Total Knee and Total Hip Arthroplasty

  LT Alanna B. Balboni, MD, Naval Medical Center Portsmouth

8:24 am-8:30 am  Discussion

8:30 am-8:45 am  Refreshment Break

Rapid Fire Session 3A: Adult Reconstruction/Infection

Moderators:  James V. Bono, MD, New England Baptist Hospital

  LCDR Brian T. Barlow, MD, Naval Medical Center San Diego

8:45 am-8:49 am  Is Outpatient Unicompartmental Knee Arthroplasty Safe to Perform At An Ambulatory Surgery Center? A Comparative Study of Early Post-Operative Complications

  MAJ John P. Cody, MD, Walter Reed National Military Medical Center

8:49 am-8:53 am  The Shift to Same-day Outpatient Joint Arthroplasty: A Systematic Review

  CPT Nicholas J. Zarkadis, DO, William Beaumont Army Medical

8:53 am-8:57 am  Total Hip Arthroplasty Perioperative Factors And Their Predictive Value For Patient Discharge Destination

  LT Cory F. Janney, MD, UTMB at Galveston

8:57 am-9:01 am  Return to Duty Following Periacetabular Osteotomy

  Capt Andrew S. Murtha, MD, San Antonio Military Medical Center
9:01 am-9:04 am  Discussion

9:04 am-9:08 am  Septic Olecranon and Prepatellar Bursitis: A Single Center Experience  
*CPT James Deal, MD, Tripler Army Medical Center*

9:08 am-9:12 am  Rapid and Convenient Decontamination Of Thyroid Shields  
*L T Chihua Lee, MD, Naval Medical Center Portsmouth*

9:12 am-9:15 am  Discussion

**Rapid Fire Session 3B: Hand and Wrist**

Moderators:  
LCDR Dominic T. Gomez-Leonardelli, MD, Naval Medical Center San Diego  
MAJ Elizabeth Polfer, MD, Walter Reed National Military Medical Center

8:45 am-8:49 am  Underutilization Of Upper Extremity Reconstruction For Persons With Tetraplegia: The Patient Perspective  
*Maj Julia A.V. Nuelle, MD, Loyola University Medical Center*

8:49 am-8:53 am  Outcomes of Metacarpal Fractures With Associated Behavioral Health Diagnosis  
*MAJ Seon A. Jones, MPAS, PA-C, Brooke Army Medical Center*

8:53 am-8:57 am  Wrist Arthroscopy for The Treatment Of Scapholunate (SL) Predynamic Instability And Return To Duty  
*CPT Christopher Belyea, MD, MBA, Tripler Army Medical Center*

8:57 am-9:00 am  Discussion

9:00 am-9:04 am  Processed Nerve Allograft Utilization in Peripheral Nerve Reconstruction: Continued Analysis  
*2LT Andrew J. Lopez, BS, Uniformed Services University of Health Sciences*

9:04 am-9:08 am  Perilunate Dislocations and Fracture Dislocations In The United States Military  
*Logan R. Koehler, MD, William Beaumont Army Medical Center*

9:08 am-9:12 am  Delayed and Nonunion Of Distal Radius Fractures In A Military Population  
*CPT Christopher M. Daniels, MD, Walter Reed National Medical Center*

9:12 am-9:15 am  Discussion

**Rapid Fire Session 3C: Pediatrics**

Moderators:  
Anthony Riccio, MD, Texas Scottish Rite Hospital  
LTC S. Imran Ahmed, MD, Ft. Belvoir

8:45 am-8:49 am  Accuracy of Robot-Assisted Pedicle Screw Insertion In Adolescent Idiopathic Scoliosis: Is Triggered Electromyographic Pedicle Screw Stimulation Necessary?
8:49 am-8:53 am  Reliability of Shoulder Height Assessment in Adolescent Idiopathic Scoliosis
MAJ Daniel G. Kang, MD, Madigan Army Medical Center

8:53 am-8:57 am  Immediate 3D Motion CT Model after Closed Reduction of the Hip for Developmental Dysplasia
COL (Ret) Kathleen A. McHale, MD, MC, Inova Health Care Systems

8:57 am-9:00 am  Discussion

9:00 am-9:04 am  ACL Reconstruction in Adolescents: Midterm Results Using A Combined Biologic Approach
Paul R. Fleissner, MD, Crystal Clinic Orthopedic Center

9:04 am-9:08 am  Growth Arrest After Transphyseal ACL Reconstruction In Skeletally Immature Pubescent Adolescents: Are Transphyseal Independent Femoral Tunnels Safe?
CPT Thomas J. Melton, MD, Madigan Army Medical Center

9:08 am-9:12 am  Adolescent Kienbock Disease: Outcomes Of Surgical Intervention.
Maj Julia A.V. Nuelle, MD, Loyola University Medical Center

9:12 am-9:15 am  Discussion

Rapid Fire Session 3D: Spine
Moderators:  MAJ Melvin D. Helgeson, MD, Walter Reed National Military Medical Center
LCDR David Glassman, MD, Naval Medical Center San Diego

8:45 am-8:49 am  Blood Transfusion Associated with Surgery for Adolescent Idiopathic Scoliosis Should Be A Rare Event
COL(Ret) Robert P. Stanton, MD, Nemours Children’s Hospital

8:49 am-8:53 am  Effect of Lordotic Cages on Foraminal Volume: A Finite Element Analysis
Col (Ret) David W. Polly, MD, University of Minnesota

8:53 am-8:57 am  Percutaneous Pedicle Screws in The Obese: Should the Skin Incision Be More Lateral?
LT Kyle Mombell, MD, Naval Medical Center San Diego

8:57 am-9:00 am  Discussion

9:00 am-9:04 am  Disparities in Access to Spine Surgery Among Active Duty Beneficiaries in The Military Health System
LCDR George C. Balazs, MD, Walter Reed National Military Medical Center
9:04 am-9:08 am  Impact of Implant Density on Curve Correction for Large Stiff Idiopathic Scoliosis Curves  
  *CPT Gregory E. Lausé, MD, Tripler Army Medical Center*

9:08 am-9:12 am  Tranexamic Acid (TXA) in Thoracic and Lumbar Fusions and Perioperative Blood Loss  
  *Nathan Wanderman, MD, Mayo Clinic*

9:12 am-9:15 am  Discussion

**AAOS Report**  
Moderator:  CAPT Charles E. Craven Jr., MD, *Naval Medical Center San Diego*

9:20 am-9:40 am  AAOS Update  
  *William J. Maloney III, MD, AAOS President, Stanford School of Medicine*

9:40 am-9:50 am  Discussion and Questions

**Business Meeting**  
Moderator:  CAPT Charles E. Craven Jr., MD, *Naval Medical Center San Diego*

9:50 am-10:00 am  Business Meeting

10:00 am-10:10 am  Strategic Planning Meeting

**Symposium 9: Shoulder**  
Moderator:  LCDR James E. Hammond, DO, *Portsmouth Naval Hospital*

10:20 am-10:45 am  Title  
  *(Buddy) Felix H. Savoie III, MD, Tulane University*

10:50 am-10:56 am  Using Pre-Injury and Post-Injury MRI For Quantification of Glenoid Bone Loss After First-Time And Recurrent Anterior Glenohumeral Instability  
  *CPT Sean Slaven, MD, Walter Reed National Military Medical Center*

10:56 am-11:02 am  PROMIS For Patients Undergoing Arthroscopic Shoulder Surgery in The Military: Multidimensional Assessment as Standard of Care  
  *Matthew N. Millington, BS, Walter Reed National Military Medical Center*

11:02 am-11:08 am  Complications and Reoperation Rates Following Latarjet Procedure In The US Military
ENS William R. Shannon, BS, George Washington University School of Medicine

11:08 am-11:14 am  Glenoid Track Instability Management Score: Radiographic Modification of The Instability Severity Index Score (ISIS)
CAPT (Ret) Matthew T. Provencher, MD, The Steadman Clinic

11:14 am-11:20 am  Discussion

11:20 am-11:26 am Midterm Functional and Radiographic Outcomes of Total Shoulder Arthroplasty in Patients With A B2 Glenoid Addressed With Corrective Reaming
LT Michelle M. Gosselin, MD, Washington University in Saint Louis/Barnes-Jewish Hospital

11:26 am-11:32 am  Salvage of Failed Hemi- and Total to Reverse Shoulder Arthroplasty: Clinical Improvement despite Increased Short-Term Risk of Reoperation
MAJ (Ret) Brian R. Waterman, MD, Wake Forest Baptist

11:32 am-11:38 am Midterm Functional Outcomes of Total Shoulder Arthroplasty in Patients with a B2 Glenoid Addressed with a Reversed Offset Humeral Head
LT Michelle M. Gosselin, MD, Washington University in Saint Louis/Barnes-Jewish Hospital

11:38 am-11:44 am Clinical Outcomes and Activity Levels after Anatomic Total Shoulder Arthroplasty with an Inlay Glenoid Component in an Active, Young Patient Population
MAJ (Ret) Brian R. Waterman, MD, Wake Forest Baptist

11:44 am-11:50 am  Discussion

11:30 am-5:00 pm  Commander’s Cup Event – Golf Tournament – Stadium Course

12:00 am-1:30 pm  Scientific E-Poster Session (Presenters will be available to answer questions.)

1:30 pm-2:30 pm  Multimedia Education Session

6:30 pm – 10:00 pm  Awards Dinner
COL Brian Allgood Memorial Leadership Award Presentation
CDR Michael T. Mazurek Clinician Scholar Award Presentation
Research Paper Awards
Presidential Guest Speaker

Friday, December 15

12:00 am-11:55 am  Speaker Ready Area

6:30 am-7:00 am  Scientific E-Poster Session (Presenters will be available to answer questions.)
6:30 am-8:00 am  Registered Attendees’ Breakfast

6:30 am-11:55 am  Meeting Registration

**Symposium 10: Jamie Dianne Bulken-Hoover Memorial Hand Session**
Moderator:  LCDR Dominic T. Gomez-Leonardelli, MD, Naval Medical Center San Diego

7:00 am-7:25 am  Title
*Scott H. Kozin, MD, Shriners Hospital for Children- Philadelphia*

7:25 am-7:30 am  Discussion

**General Session 10: Hand and Upper Extremity**
Civilian Moderator:  Scott H. Kozin, MD, Shriners Hospital for Children- Philadelphia
Military Moderator:  LCDR Dominic T. Gomez-Leonardelli, MD, Naval Medical Center San Diego

7:30 am-7:36 am  Functional Outcomes of Thumb Trapeziometacarpal Arthrodesis with a Locked Plate Versus Ligament Reconstruction and Tendon Interposition
*Lieutenant K. J. Hippensteel, MD, Washington University, Saint Louis*

7:36 am-7:42 am  The Effect of Dorsal Screw Prominence in the Radial Shaft of Distal Radius Fractures Treated with Volar Locked Plating
*LCDR Nicholas Pulos, MD, Mayo Clinic*

7:42 am-7:48 am  Derotational Pronation-Producing Osteotomy of The Radius and Biceps Tendon Rerouting For Supination Contractures
*Capt Casey Dedeugd, MD, Mayo Clinic*

7:48 am-7:54 am  Relative Tissue Oxygenation Changes Are More Reliable Than Clinical Exam or Temperature Changes For Detecting Early Tissue Ischemia
*MAJ Elizabeth Polfer, MD, Walter Reed National Military Medical Center*

7:54 am-8:00 am  Discussion

8:00 am-8:06 am  Suture-Button Stabilization Following Ring Finger Ray Amputation: A Comparative Biomechanical Study
*MAJ Emily Morgan, MD, Landstuhl Regional Medical Center*

8:06 am-8:12 am  Primary Medial Femoral Condyle Free Vascularized Bone Graft for the Treatment of Scaphoid Nonunions with Carpal Collapse and Proximal Pole Avascular Necrosis
*LCDR Nicholas Pulos, MD, Mayo Clinic*

8:12 am-8:18 am  The Role of Medial Femoral Condyle Free Vascularized Bone Graft for the Treatment of Failed Scaphoid Nonunion Surgery associated with Proximal Pole Avascular Necrosis
*LCDR Nicholas Pulos, MD, Mayo Clinic*

8:18 am-8:24 am  Matti-Russe Technique for Scaphoid Nonunions In Pediatric Patients
8:24 am-8:30 am  Discussion

Symposium 11: Spine
Moderator: MAJ Melvin D. Helgeson, MD, Walter Reed National Military Medical Center

8:30 am-8:55 am  Title
David W. Polly, Jr. MD, University of Minnesota

8:55 am-9:00 am  Discussion

9:00 am-9:15 am  Refreshment Break

General Session 11: Spine
Civilian Moderator: David W. Polly, Jr. MD, University of Minnesota
Military Moderator: MAJ Melvin D. Helgeson, MD, Walter Reed National Military Medical Center

9:15 am-9:21 am  Spine Surgery in Patients with Previous THA: Should We Fuse the Spine First?
LT Shian Liu, MD, Camp Pendleton

9:21 am-9:27 am  The Impact of Translation and Stenosis
LCDR David Glassman, MD, Naval Medical Center San Diego

9:27 am-9:33 am  Comorbid Mental Health Disorders Are Associated with Poor Outcomes After Cervical Spine Surgery At 2-Year Follow-Up
LT Shian Liu, MD, Camp Pendleton

9:33 am-9:39 am  Routine Microscope Use Does Not Affect Short Term Surgical Outcomes In Single Level Lumbar Discectomy: A Review Of 43,948 Patients From The National Surgical Quality Improvement Program
LT Patrick B. Morrissey, MD, Rothman Institute at Thomas Jefferson University

9:39 am-9:45 am  Discussion

9:45 am-9:51 am  Four and Five-Level Anterior Cervical Discectomy and Fusion With Plate Fixation: Radiographic And Clinical Results
LCDR Theodore J. Steelman, MD, Walter Reed National Military Medical Center

9:51 am-9:57 am  Re-Operation Following Sacral Alar-Iliac (S2AI) versus Traditional Iliac Pelvic Fixation
MAJ Daniel G. Kang, MD, Madigan Army Medical Center

9:57 am-10:03 am  Intraoperative Pedicle Screw Navigation Does Not Significantly Decrease Complications after Spine Surgery
LCDR Scott C. Wagner, MD, Rothman Institute
10:03 am-10:09 am  Number of Levels Fused Does Not Affect C5 Palsy Rate after Anterior Cervical Discectomy and Fusion  
*LCDR Scott C. Wagner, MD, Rothman Institute*

10:09 am-10:15 am  Discussion

10:15 am-10:25 am  *Refreshment Break*

**Symposium 12: Pediatrics**  
Moderator:  
*Lt Col Matthew R. Schmitz, MD, FAAP, San Antonio Military Medical Center*

10:25 am-10:50 am  Pediatric Spine Trauma: The TSRH Experience  
*Anthony Riccio, MD, Texas Scottish Rite Hospital*

10:50 am-10:55 am  Discussion

**General Session 12: Pediatrics**  
Civilian Moderator:  
*Anthony Riccio, MD, Texas Scottish Rite Hospital*

Military Moderator:  
*Lt Col Matthew R. Schmitz, MD, FAAP, San Antonio Military Medical Center*

10:55 am-11:01 am  Does Pre-Culture Antibiotic Administration Lead to Non-Diagnostic Bone And Joint Culture Results In Pediatric Osteomyelitis And Septic Arthritis: A 12-Year Retrospective Review  
*Capt Michael Basso-Williams, DO, MPH, Riverside University Health System Medical Center*

11:01 am-11:07 am  Increased Radiation Exposure in Patients Treated with Intramedullary Fixation Versus Spica Casting For Pediatric Femur Fractures  
*Philip Ashley, MD, Texas Scottish Rite Hospital for Children*

*CPT Kenneth A. Shaw, DO, Dwight David Eisenhower Army Medical Center*

11:13 am-11:19 am  Perioperative Outcomes Following Surgical Treatment of The Neuromuscular Hip: An Analysis Of The National Surgical Quality Improvement Program – Pediatrics  
*CPT Kenneth A. Shaw, DO, Dwight David Eisenhower Army Medical Center*

11:19 am-11:25 am  Discussion

11:25 am-11:31 am  Fracture Risk through Oblique External Fixator Pin Tracts  
*CPT Shawn M. Gee, MD, Tripler Army Medical Center*

11:31 am-11:37 am  High Rate of Inappropriate Referrals To Pediatric Orthopaedics In An Egalitarian Health Care System
LT Ashley B. Anderson, MD, Walter Reed National Military Medical Center

11:37 am-11:43 am  Does the Increasing Rate Of Transfer Of Displaced Supracondylar Fractures In Children To Trauma Centers Increase Value? 
CAPT William L. Hennrikus, MD, Penn State College of Medicine

11:43 am-11:49 am  Prenatal Factors Affecting Early Childhood Fracture Risk 
CPT Jared Wolfe, MD, Walter Reed National Military Medical Center

11:49 am-11:55 am  Discussion

11:55 am -12:55 pm  Multimedia Education Session

11:55 am -1:50 pm  Board of Directors Meeting