## SOMOS Scientific Program December 17-20, 2019 PGA National Resort & Spa Palm Beach, FL

## **Tuesday, December 17**

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

## Wednesday, December 18

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

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

questions.)

6:30 am-5:05 pm **Meeting Registration** 

6:30 am-5:05 pm **Technical Exhibits, Coffee Breaks and Daily Drawing** 

**Opening Ceremony** 

Moderators: Maj Andrew J. Sheean, MD, San Antonio Military Medical Center

LTC Thomas C. Dowd, MD, San Antonio Military Medical Center LtCol Christopher T. LeBrun, MD, R. Adams Cowley Shock Trauma Center

7:00 am-7:10 am Color Guard

7:10 am-7:15 am Welcome & Opening Announcements

Symposium 1 – Trauma 1

Moderator: LCDR Bradley K. Deafenbaugh, MD, Naval Medical Center San Diego

7:15 am-7:40 am Pelvic Ring Injury Management – Current State of the Art

Hassan R. Mir, MD, MBA, Florida Orthopaedic Institute

7:40 am-7:45 am Discussion

7:45 am-8:05 am Break with Exhibitors

General Session 1 – Trauma 1

Civilian Moderator: Hassan R. Mir, MD, MBA, Florida Orthopaedic Institute

Military Moderator: LCDR Bradley K. Deafenbaugh, MD, Naval Medical Center San Diego

8:05 am-8:11 am 159 - Impact of Fascia Iliaca Block on Pain, Opioid Consumption, and

Clinical Outcomes for Patients with Hip Fractures – A Prospective,

Randomized Study

	CPT Spencer S. Schulte, MD, William Beaumont Army Medical Center	
8:11 am-8:17 am	91 - Implementation of a Multidisciplinary "Code Hip" Protocol is Associated with Decreased Time to Surgery and Improved Patient Outcomes	
	CPT Richard J. VanTienderen, DO, William Beaumont Army Medical Center	
8:17 am-8:23 am	198 - Longitudinal Analysis of Bone Turnover Biomarkers in Osteoporotic Women CPT Sean E. Slaven, MD, Walter Reed National Military Medical Center	
8:23 am-8:29 am	25 - Resident Involvement Affects OR Time and Complications in Lower Extremity Fracture Care Capt Sophia A. Traven, MD, Medical University of South Carolina	
8:29 am-8:35 am	Discussion	
8:35 am-8:41 am	183 - The Lateral Pubic Symphysis Fluoroscopic Image Identifies Screw Cortical Breaches During Symphyseal Plating LT Kyle Mombell, MD, Naval Medical Center San Diego	
8:41 am-8:47 am	61 - Multimodal Pain Control in Femoral and Tibial Shaft Fractures CPT Kyle J Klahs, DO, William Beaumont Army Medical Center	
8:47 am-8:53 am	45 - Negative Pressure Wound Therapy Does Not Diminish Effectiveness of Topical Antibiotic Powder <i>CPT Nicole M. Sgromolo, MD, San Antonio Military Medical Center</i>	
8:53 am-8:59 am	204 - Factors Predicting Recurrence After Treatment of Fracture Related Infections  Benjamin W. Hoyt, MD, Walter Reed National Military Medical Center	
8:59 am-9:05 am	Discussion	
Rapid Fire Sessions 1A – Education Moderators: TBD		
9:08 am-9:12 am	39 - Implementation of a Mobile App for Trauma Education: Results from a Multicenter Study Natasha Simske, BS, University of Wisconsin School of Medicine and Public Health	
9:12 am-9:16 am	103 - Research Productivity of Residents Accepted for Orthopaedic Trauma Fellowships CPT Andrew G. Chan, MD, MPH, William Beaumont Army Medical Center	
9:16 am-9:20 am	216 - Characterization of Blast Injuries at a Civilian Level 1 Trauma Center LT Carl A Nunziato, MD, Dell Seton Medical Center	

9:20 am-9:24 am Discussion 9:24 am-9:28 am 148 -Factors Considered when Ranking Military Orthopedic Surgery Residency Applicants CPT Matthew Wells, DO, William Beaumont Army Medical Center 9:28 am-9:32 am 3 - The H-Index and Self-Citation Among Orthopaedic Surgery Fellowship Directors MAJ Justin J. Ernat, MD, Blanchfield Army Community Hospital 9:32 am-9:36 am 67 - The Orthopaedic Burden of Illegal Border Crossings at a US-Mexico Border Level 1 Trauma Center CPT Richard J. VanTienderen, DO, William Beaumont Army Medical Center 9:36 am-9:40 am Discussion Rapid Fire Sessions 1B – Hip/Pelvis Fracture Moderators: TBD 9:08 am-9:12 am 118 - Does Insurance Status Influence the Treatment or Outcomes of Geriatric Patients with a Hip Fracture? CPT Richard J. VanTienderen, DO, William Beaumont Army Medical Center 9:12 am-9:16 am 219 - Can Partially Threaded Screws Be Improved to Maximize Sacral Purchase? MAJ Shawn Boomsma, DO, Army Trauma Training Detachment - Ryder Trauma Center 9:16 am-9:20 am 181 - Minimally Invasive Lumbopelvic Fixation for Trauma CPT Darshan Shah, MD, San Antonio Military Medical Center 9:20 am-9:24 am Discussion 9:24 am-9:28 am 59 - Optimal Clamp Positioning for the Reduction of Transfectal Acetabular Fractures Through the AIP Approach LT Erica K. Crump, MD, Naval Medical Center San Diego 9:28 am-9:32 am 227 - Reliability of the Walter Reed Classification for Heterotopic **Ossification Severity** Benjamin W. Hoyt, MD, Walter Reed National Military Medical Center 9:32 am-9:36 am 172 - Internal Fixation vs. Arthroplasty for the Treatment of Non-Displaced Femoral Neck Fractures in the Elderly: A Systematic Review and Meta-Analysis LT John T. Richards, MD, Walter Reed National Military Medical Center 9:36 am-9:40 am Discussion

# **Rapid Fire Sessions 1C – Upper Extremity**

Moderators: TBD

9:08 am-9:12 am	160 -Locked Plating Proximal Humeral Fractures with and without Fibula Allograft  CPT Dexter C. Allen, Doctor of Medicine, Tripler Army Medical Center
9:12 am-9:16 am	94 - Non-Operative Management of Olecranon Fractures in Elderly Patients: A Systematic Review CPT Griffin M Biedron, MD, William Beaumont Army Medical Center
9:16 am-9:20 am	141 - Pharmacologic Treatments in Chronic Neuropathic Upper Extremity Pain: Systematic Review Michael Ramirez, MS, Uniformed Services University
9:20 am-9:24 am	Discussion
9:24 am-9:28 am	114 - A Surgical Technique for Percutaneous Plating of Ulnar Diaphyseal Fractures  CPT Desraj M. Clark, MD, Walter Reed National Military Medical Center
9:28 am-9:32 am	10 - Interposition Arthroplasty after Proximal Ulna Reconstruction with Masquelet Technique  Capt John J. Carroll, MD, Brooke Army Medical Center
9:32 am-9:36 am	164 - Resection of Symptomatic Flexor Carpi Radialis Brevis Muscle LT Ethan M. Bernstein, MD, MPH, Naval Medical Center San Diego
9:36 am-9:40 am	Discussion
Rapid Fire Sessions Moderators: TBD	1D – Hand
_	1D – Hand  51 - Outcomes Following Complex Nerve Lacerations in the Volar Forearm  CPT Ryan B. Bucknam, MD, William Beaumont Army Medical Center
Moderators: TBD	51 - Outcomes Following Complex Nerve Lacerations in the Volar Forearm
Moderators: TBD 9:08 am-9:12 am	<ul> <li>51 - Outcomes Following Complex Nerve Lacerations in the Volar Forearm</li> <li>CPT Ryan B. Bucknam, MD, William Beaumont Army Medical Center</li> <li>75 - Subcutaneous Anterior Transposition vs. In-Situ Decompression of the Ulnar Nerve</li> </ul>
Moderators: TBD 9:08 am-9:12 am 9:12 am-9:16 am	51 - Outcomes Following Complex Nerve Lacerations in the Volar Forearm  CPT Ryan B. Bucknam, MD, William Beaumont Army Medical Center  75 - Subcutaneous Anterior Transposition vs. In-Situ Decompression of the Ulnar Nerve  CPT Michael D. Eckhoff, MD, William Beaumont Army Medical Center  185 - Anatomical Variations in Pathway of Median Nerve: Gross Cadaver Study
Moderators: TBD  9:08 am-9:12 am  9:12 am-9:16 am  9:16 am-9:20 am	51 - Outcomes Following Complex Nerve Lacerations in the Volar Forearm  CPT Ryan B. Bucknam, MD, William Beaumont Army Medical Center  75 - Subcutaneous Anterior Transposition vs. In-Situ Decompression of the Ulnar Nerve  CPT Michael D. Eckhoff, MD, William Beaumont Army Medical Center  185 - Anatomical Variations in Pathway of Median Nerve: Gross Cadaver Study  Chika Okafor, MD, Howard University Hospital

CPT Austin Fares, MD, William Beaumont Army Medical Center

9:32 am-9:36 am 84 - Bone Morphogenetic Protein in Scaphoid Non-Union: A Systematic

Review

CPT Michael M. Polmear, MD, William Beaumont Army Medical Center

9:36 am-9:40 am Discussion

9:40 am-10:00 am Break with Exhibitors

Symposium 2 – Trauma 2

Moderator: MAJ Justin T. Fowler, MD, San Antonio Military Medical Center

10:00 am-10:25 am Extreme Nailing of Periarticular Fractures

Walter Virkus, MD, Indiana University Health

10:25 am-10:30 am Questions

General Session 2 – Trauma 2

Civilian Moderator: Walter Virkus, MD, Indiana University Health

Military Moderator: MAJ Justin T. Fowler, MD, San Antonio Military Medical Center

10:30 am-10:36 am 133 - Cell Behaviour Following Blast Trauma Influences the Likelihood

of Non-Union

MAJOR Sarah K Stewart, MBChB BMedSci (Hons), Imperial College

London

10:36 am-10:42 am 53 - Effects of a Targeted-Therapy Approach for Post-Traumatic

Heterotopic Ossification

LCDR Marvin Dingle, MD, Walter Reed National Military Medical

Center

10:42 am-10:48 am 169 - Bisphosphonate Temporal-Spatial Localization and Therapeutic

Impact in Burn-Orthopaedic Injury Model

Capt Samuel L Posey, MD, Carolinas Medical Center

10:48 am-10:54 am 7 - Pulmonary Complication After Tibial and Femoral Nailing

LT Benjamin M. Wheatley, MD, Walter Reed National Military Medical

Center

10:54 am-11:00 am Discussion

11:00 am-11:06 am 74 - The Productivity and Utilization of Active Duty Orthopaedic Trauma

Surgeons

CPT Archie Overmann, MD, Walter Reed National Military Medical

Center

11:06 am-11:12 am 121 - Defining the Intramedullary Axis of the Distal Tibia using

Computed Tomography

Capt Haydn J. Roberts, MD, University of Arizona - Tucson

11:12 am-11:18 am 9 - Effect of Peri-Articular Implants On Contact Pressure Across the Knee

Joint

LT Michelle M. Gosselin, BS, MD, Naval Medical Center Camp Lejeune

11:18 am-11:24 am 158 - Intramedullary Nail Entry Point Affects Postoperative Femoral Shaft

Fracture Alignment

M. Wesley Honeycutt, MD, University of South Alabama

11:24 am-11:30 am Discussion

11:30 am-12:30 pm **Focused Lunch Presentations** 

\*CME Credit Not Available

12:30 pm-12:50 pm **Report of SOMOS President** 

Areas of Military Civilian Partnership to Domestic Disaster Planning and

Response

Christopher T. LeBrun, MD, R. Adams Cowley Shock Trauma Center

Symposium 3 – Hand - Jamie Dianne Bulken-Hoover Memorial Hand Session

Moderator: Col P. Shea Brannan, MD, Eglin Air Force Base

12:50 pm-1:15 pm Advancements in the Care of Upper Extremity Amputees

R. Glenn Gaston, MD, OrthoCarolina

1:15 pm-1:20 pm Questions

General Session 3 - Hand - Jamie Dianne Bulken-Hoover Memorial Hand Session

Civilian Moderator: R. Glenn Gaston, MD, OrthoCarolina

Military Moderator: Col P. Shea Brannan, MD, Eglin Air Force Base

49 - Nerve Repair Using Processed Nerve Allograft in the US Military 1:20 pm-1:26 pm

CPT Kyle J. Klahs, DO, William Beaumont Army Medical Center

1:26 pm-1:32 pm 63 - Ultrasound Measurement Criteria for Carpal Tunnel Syndrome:

Which is Best?

Collin S. Black, MS3, Duke University Medical Center

1:32 pm-1:38 pm 184 - Limb Occlusion Pressure vs. Standard Pneumatic Tourniquet

> Pressure in Open Carpal Tunnel Surgery – A Randomized Trial Capt Hannah Morehouse, MD, Houston Methodist Hospital

1:38 pm-1:44 pm 106 - Modulation of Repressor Element-1 Silencing Transcription Factor

levels in Trauma-Induced Mesenchymal Progenitor Cells to Promote

Peripheral Nerve Regeneration

CPT Desraj M. Clark, MD, Walter Reed National Military Medical center

Orthopaedic Surgery

1:44 pm-1:50 pm Discussion

1:50 pm-1:56 pm 207 - Prospective Evaluation of Open Dorsal Wrist Ganglion Excision in

the Active Duty Military Population

LCDR Marvin Dingle, MD, Walter Reed National Military Medical

Center

1:56 pm-2:02 pm	108 - Arthroscopically Assisted Transosseous Triangular Fibrocartilage Complex Foveal Tear Repair CPT Michael M. Polmear, MD, William Beaumont Army Medical Center
2:02 pm-2:08 pm	50 - Functional Outcomes of Processed Nerve Allograft in the US Military CPT Joshua C. Tadlock, MD, William Beaumont Army Medical Center
2:08 pm-2:14 pm	161 - Electromyography in Posterior Interosseous Nerve Compression & Surgical Decompression Outcomes CPT Dexter C. Allen, Doctor of Medicine, Tripler Army Medical Center
2:14 pm-2:20 pm	Discussion
<b>Special Presentation</b> Moderator:	1
2:20 pm-2:45 pm	The Future of War Trauma Kenneth J. Nelson, MD, Womack Army Medical Center

# **Symposium 4 – Pediatrics**

Discussion

Discussion

Break with Exhibitors

2:45 pm-2:50 pm

2:50 pm-3:10 pm

4:04 pm-4:10 pm

Moderator: Lt Col Matthew R. Schmitz, MD, FAAP, San Antonio Milit
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3:10 pm-3:35 pm	Pediatric Topic
	Admiral Bruce Gillingham, MD, Navy Bureau of Medicine and Surgery

3:35 pm-3:40 pm Questions

## **General Session 4 – Pediatrics**

Civilian Moderator:	Admiral Bruce Gillingham, MD, Navy Bureau of Medicine and Surgery
Military Moderator:	Lt Col Matthew R. Schmitz, MD, FAAP, San Antonio Military Medical
Center	

Center	
3:40 pm-3:46 pm	128 - Open Fractures of the Phalangeal Head and Neck in Children CPT J. Banks Deal Jr., MD, Tripler Army Medical Center
3:46 pm-3:52 pm	16 - Inappropriate Pediatric Orthopaedic Emergency Department Transfers: A Burden on the Healthcare System Brandon Hull, MD, University of Texas Southwestern
3:52 pm-3:58 pm	129 - Pediatric Orthopaedic Surgeon Time Utilization in Clinic: The EMR and Click Fatigue <i>CAPT William Hennrikus, MD, Penn State College of Medicine</i>
3:58 pm-4:04 pm	13 - Botulinum Toxin May Delay or Prevent Surgery in Spastic Hemiplegic Cerebral Palsy Stephen Gates, MD, University of Texas Southwestern Medical Center

4:10 pm-4:16 pm	212 - Core Decompression with Bone Marrow Aspirate Concentrate in the Treatment of Legg-Calve-Perthes Disease <i>Matthew Griffith, BS, MD, Dwight D. Eisenhower Army Medical Center</i>
4:16 pm-4:22 pm	38 - Pediatric Navicular-Medial Cuneiform Tarsal Coalitions: A Case Series
	Megan E. Fischer-Colbrie, BS, Naval Medical Center San Diego
4:22 pm-4:28 pm	120 - Functional Implications of the Flat-Topped Talus in Idiopathic Clubfoot Deformity
	Anthony I. Riccio, MD, Texas Scottish Rite Hospital for Children
4:28 pm-4:34 pm	17 - Guided Growth and Infantile Blount's Disease: Is it a Viable Option? MAJ K. Aaron Shaw, DO, Dwight D. Eisenhower Army Medical Center
4:34 pm-4:40 pm	Discussion
<b>Rapid Fire Sessions</b> Moderators: TBD	2A – Nerves
4:43 pm-4:47 pm	97 - Supercharge End to Side Nerve Transfer: Systematic Review Isaac Fernandez, MD, Texas Tech University Health Sciences Center El Paso
4:47 pm-4:51 pm	76 - Combat-Sustained Peripheral Nerve Injuries in the US Military CPT Michael D. Eckhoff, MD, William Beaumont Army Medical Center
4:51 pm-4:55 pm	46 - Combat Sustained Peripheral Nerve Injury Outcomes CPT Tyler Nicholson, MD, William Beaumont Army Medical Center
4:55 pm-4:59 pm	Discussion
4:59 pm-5:03 pm	139 - Radial Nerve Palsies in Humeral Shaft Fractures: A Systematic Review
	Erik Hegeman, BS, Uniformed Services University
5:03 pm-5:07 pm	122 - Radial Tunnel Syndrome Secondary to Rare Vascular Anomaly LT Matthew J. Wilson, MD, Naval Medical Center San Diego
5:07 pm-5:11 pm	226 - Managing Complex Peripheral Nerve Injuries within the Military Health System: A Multi-Disciplinary Approach to Treatment, Education, and Research at Walter Reed National Military Medical Center LCDR Sean Wade, MD, Walter Reed National Military Medical Center
5:11 pm-5:15 pm	Discussion
<b>Rapid Fire Sessions</b> Moderators: TBD	2B – Hand

4:43 pm-4:47 pm 109 - Botulinum Therapy for Vasospastic Disease of the Hand: A Systematic Review

	CPT Christopher Alberts, DO, William Beaumont Army Medical Center
4:47 pm-4:51 pm	90 - Preoperative Sleep Disturbance Linked to Patient Outcomes following Orthopaedic Hand Surgery CPT Nicholas J. Drayer, MD, Madigan Army Medical Center
4:51 pm-4:55 pm	126 - Ulnar Metacarpal Base Fracture-Dislocations: Treatment Options and Literature Review <i>John B. Fuller, MD, William Beaumont Army Medical Center</i>
4:55 pm-4:59 pm	Discussion
4:59 pm-5:03 pm	35 - Risk Factors for Infection Following Total Wrist Arthroplasty and Arthrodesis: An Analysis of 6,641 Patients Alyssa D. Althoff, BS, Medical University of South Carolina
5:03 pm-5:07 pm	64 - Factors Affecting Decision Making Regarding Antibiotics for Elective Hand Surgery  CPT Tyler Nicholson, MD, William Beaumont Army Medical Center
5:07 pm-5:11 pm	37 - Resilience and Patient Reported Outcomes in Patient Undergoing Orthopaedic Hand Surgery CPT Nicholas J. Drayer, MD, Madigan Army Medical Center
5:11 pm-5:15 pm	Discussion
Rapid Fire Sessions Moderators: TBD	2C – Spine
_	2C – Spine  166 - Radiographic Analysis of Lumbar Disc Arthroplasty Reoperations  CPT Darshan Shah, MD, San Antonio Military Medical Center
Moderators: TBD	166 - Radiographic Analysis of Lumbar Disc Arthroplasty Reoperations
Moderators: TBD 4:43 pm-4:47 pm	<ul> <li>166 - Radiographic Analysis of Lumbar Disc Arthroplasty Reoperations CPT Darshan Shah, MD, San Antonio Military Medical Center</li> <li>230 - Analysis of Severe Dysphagia Patients Following Anterior Cervical Spine Surgery</li> </ul>
Moderators: TBD 4:43 pm-4:47 pm 4:47 pm-4:51 pm	166 - Radiographic Analysis of Lumbar Disc Arthroplasty Reoperations CPT Darshan Shah, MD, San Antonio Military Medical Center  230 - Analysis of Severe Dysphagia Patients Following Anterior Cervical Spine Surgery Capt John Wuellner, MD, University of California, Davis  111- Cervical Paraspinal Muscle Fat Infiltration Can Be Estimated by Computed Tomography Hounsfield Units LCDR Scott C. Wagner, MD, Walter Reed National Military Medical Center CPT Donald R. Fredericks Jr., MD, Walter Reed National Military
Moderators: TBD  4:43 pm-4:47 pm  4:47 pm-4:51 pm  4:51 pm-4:55 pm	166 - Radiographic Analysis of Lumbar Disc Arthroplasty Reoperations CPT Darshan Shah, MD, San Antonio Military Medical Center  230 - Analysis of Severe Dysphagia Patients Following Anterior Cervical Spine Surgery Capt John Wuellner, MD, University of California, Davis  111- Cervical Paraspinal Muscle Fat Infiltration Can Be Estimated by Computed Tomography Hounsfield Units LCDR Scott C. Wagner, MD, Walter Reed National Military Medical Center CPT Donald R. Fredericks Jr., MD, Walter Reed National Military Medical Center

5:07 pm-5:11 pm	12 -Vertically Unstable Sacral Fracture Nonunion Revised with Iliac-Iliac Fixation
	Capt John J. Carroll, MD, Brooke Army Medical Center
5:11 pm-5:15 pm	Discussion
Rapid Fire Sessions Moderators: TBD	2D – Practice and Pain Management
4:43 pm-4:47 pm	224 - Initial Deployability and Outcome Trends in Military Health System Beneficiaries Undergoing Shoulder Procedures Enrolled in
	MOTION Database Col Mark Slabaugh, MD, United States Air Force Academy
4:47 pm-4:51 pm	117 - Billing and Coding Education and Knowledge Among Military Orthopaedic Surgeons
	CPT Matthew Mangini, MD, San Antonio Military Medical Center
4:51 pm-4:55 pm	116 - Opioid Prescribing Patterns and Patient Satisfaction with Care MAJ Nathan Lanham, MD, Martin Army Community Hospital
4:55 pm-4:59 pm	Discussion
4:59 pm-5:03 pm	72 - Utilization of the Department of Defense Peer Reviewed Orthopaedic Research Program (PRORP) LT Ashley B. Anderson, MD, Walter Reed National Military Medical Center
5:03 pm-5:07 pm	105 - Opioid Prescribing Patterns for United States Military Veterans
	with a History of Musculoskeletal Injury ENS Katina Kartalias, BS, MS, The George Washington University School of Medicine
5:07 pm-5:11 pm	147 - Multivitamin Use in Enhanced Recovery After Surgery Protocols: A Cost Analysis
	Capt Dawn M. G. Rask, MD, San Antonio Military Medical Center
5:11 pm-5:15 pm	Discussion
5:15 pm-6:15 pm	Military Female Orthopaedic Surgeons Forum Moderator: TBD
5:15 pm-6:15 pm	<b>Scientific E-Poster Session</b> (Presenters will be available to answer questions.)

**Multimedia Education Session** 

6:15 pm-6:45 pm

## Thursday, December 19

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

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

questions.)

7:00 am-12:05 pm **Meeting Registration** 

7:00 am-12:05 pm **Technical Exhibits, Coffee Breaks and Daily Drawing** 

**Symposium 5 – Reconstruction/Tumor** 

Moderator: LtCol Dustin Lybeck, MD, San Antonio Military Medical Center

7:00 am-7:25 am Segmental Bone Loss in Tumor Surgery: Past to Present

Andre R. Spiguel, MD, University of Florida

7:25 am-7:30 am Questions

**General Session 5 – Reconstruction/Tumor** 

Civilian Moderator: Andre R. Spiguel, MD, *University of Florida* 

Military Moderator: LtCol Dustin Lybeck, MD, San Antonio Military Medical Center

7:30 am-7:36 am 22 - Resilience and Patient Reported Outcomes in Patients Undergoing

Total Hip Arthroplasty

CPT Nicholas J. Drayer, MD, Madigan Army Medical Center

7:36 am-7:42 am 220 - Safe Return to Driving Following Anterior vs. Posterior Approach to

Total Hip Arthroplasty

LT John T. Richards, MD, Walter Reed National Military Medical Center

7:42 am-7:48 am 195 - Fixed-Bearing Medial Unicondylar Knee Arthroplasty - Slight

Varus, Just Right

CPT Sean E. Slaven, MD, Walter Reed National Military Medical Center

7:48 am-8:54 am 85 - What is the Critical Tibial Resection Depth During Unicompartmental

Knee Arthroplasty? A Biomechanical Study of Fracture Risk.

LT Trevor Tompane, MD, MPH, Naval Medical Center San Diego

7:54 am-8:00 am Discussion

8:00 am-8:06 am 134 - Isolated Tibial Revision with a Cruciate Retaining Femoral

Component: Can You Stay CR?

CDR Robert W Tracey, MD, Rush University Medical Center

8:06 am-8:12 am 110 - Sarcoma Survival in the US Military Population: A Comparison of

the DoD Central Cancer Registry and National Cancer Institute's SEER

Program

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

Center

8:12 am-8:18 am 27 - Survivorship Following Resection of Primary Tumors in Patients with Metastatic Soft Tissue Sarcoma Capt Sophia A. Traven, MD, Medical University of South Carolina 8:18 am-8:24 am 242 - Examining the Use of the Pressure Modulated Knee Rehabilitation Machine (PMKR) In Addition to Traditional Physical Therapy vs. Traditional Physical Therapy Alone Following Total Knee Arthroplasty: A Randomized Control Study Capt Brett G. Brazier, DO, San Antonio Military Medical Center 8:24 am-8:30 am Discussion 8:30 am – 8:50am Break with Exhibitors Rapid Fire Sessions 3A – Hand Moderators: TBD 8:50 am-8:54 am 131 -Guidewire Referencing Dorsal Scaphoid Fixation Technique: A Comparative Cadaveric Study CDR Jason H. Rockwood, DO, Okinawa Naval Hospital 8:54 am-9:58 am 125 - Hand Surgeons Are Tackling Tougher Scaphoids CPT Tyler Nicholson, MD, William Beaumont Army Medical Center 8:58 am-9:02 am 217 - Functional Outcomes Following Operative Treatment of Scaphoid Nonunion LT Nicholas Lake, MD, Naval Medical Center San Diego 9:02 am-9:06 am Discussion 9:06 am-9:10 am 68 - Capitolunate Fusion: A Systematic Review CPT Michael M. Polmear, MD, William Beaumont Army Medical Center 9:10 am-9:14 am 101 - Post Traumatic Avascular Necrosis of the Triquetrum LCDR Sean McIntire, MD, Naval Medical Center San Diego 9:14 am-9:18 am 34 - Streamlining Care for Occult Scaphoid Fractures: A Retrospective Review of the Diagnostic Work-Up LT Shian Liu, MD, Naval Medical Center San Diego 9:18 am-9:22 am Discussion Rapid Fire Sessions 3B - Musculoskeletal Oncology Moderators: **TBD** 8:50 am-8:54 am 28 - A Multicentered RCT of Negative Pressure Therapy for Irradiated

8:50 am-8:54 am

28 - A Multicentered RCT of Negative Pressure Therapy for Irradiated Soft Tissue Sarcoma Wounds

Capt Sophia A. Traven, MD, Medical University of South Carolina

8:54 am-9:58 am

102 - Publication Trends of Residents Accepted for Musculoskeletal Oncology Fellowships

	Center
8:58 am-9:02 am	41 - External Validation of PATHFx Version 3.0 in Patients Treated Surgically and Non-Surgically for Symptomatic Skeletal Metastases LT Ashley B. Anderson, MD, Walter Reed National Military Medical Center
9:02 am-9:06 am	Discussion
9:06 am-9:10 am	203 - Synovial Sarcoma: A Series of Small Tumors in Active Duty Service Members Capt Taylor J. Bates, MD, San Antonio Military Medical Center
9:10 am-9:14 am	115 - Fellowship-Trained Orthopaedic Oncologist and the Effect on Residency Training CPT Phillip R. Schneider, MD, William Beaumont Army Medical Center
9:14 am-9:18 am	31 - Improved Survivorship Following Surgical Resection of Primary Tumors in Patients with Metastatic Osteosarcoma Capt Sophia A. Traven, MD, Medical University of South Carolina
9:18 am-9:22 am	Discussion
Rapid Fire Sessions Moderators: TBD	3C – General Interest
8:50 am-8:54 am	187 - Evaluation of Hip Medical Device Recalls by the FDA from 2007 to 2017 Wesley Peters, BS, Naval Medical Center San Diego
8:54 am-9:58 am	92 - 10 Year Follow-Up of Ceramic-on-Ceramic Total Hip Arthroplasty: Squeaking is Common and Increases Over Time LT Kevin Taniguchi, MD, Naval Medical Center San Diego
8:58 am-9:02 am	214 - Skiving or Diving: A Mechanical Study on the Sagittal Saw Blade During Total Knee Arthroplasty Jonathan H. Shaw, MD, Henry Ford Hospital
9:02 am-9:06 am	Discussion
9:06 am-9:10 am	98 - Implementation of a Rapid Recovery Peri-operative Arthroplasty Protocol at a Military Treatment Facility LT Sarah Nelson, MD, MS, Walter Reed National Military Medical Center
9:10 am-9:14 am	182 - Albumin as a Predictor of Total Joint Arthroplasty Complications <i>Matthew Sloan, MD, MS, University of Pennsylvania</i>
9:14 am-9:18 am	54 - Quality of Evidence Regarding Platelet-Rich Plasma Injections for

CPT Andrew G. Chan, MD, MPH, William Beaumont Army Medical

Center

CPT Andrew G. Chan, MD, MPH, William Beaumont Army Medical

9:18 am-9:22 am Discussion

#### Rapid Fire Sessions 3D – Return to Duty and Performance Optimization

Moderators: TBD

8:50 am-8:54 am 209 - In Season Return to Play Following Posterior Shoulder Instability in

NCAA Division I Football Players

CPT Daniel L Rodkey, MD, MBA, Walter Reed National Military Medical

Center

8:54 am-9:58 am 155 - Return to Play Following Platelet-Rich Plasma Injection of Elbow

Ulnar Collateral Ligament Based on Injury Severity

Frederic B. Mills, MS, Palmetto Health - University of South Carolina

Orthopaedic Center

8:58 am-9:02 am 231 - Early Analysis of Common Knee Surgery and Ability to Deploy in a

Military Population

Lt. Col. Richard J. Robins, MD, United States Air Force Academy

9:02 am-9:06 am Discussion

9:06 am-9:10 am 150 - Patellar Tendon Disruptions in the Active Duty Military Population:

A Retrospective Review

CPT Donald R. Fredericks Jr., MD, Walter Reed National Military

Medical Center

9:10 am-9:14 am 60 - High Resilience Linked to Short-Term Patient Reported Outcomes

and Return to Duty Following Arthroscopic Knee Surgery CPT Nicholas J. Drayer, MD, Madigan Army Medical Center

9:14 am-9:18 am 196 - Delay in Primary Anterior Cruciate Ligament Reconstruction

Increases Medical Separation Risk in the US Military *Veronika Pav, PhD, Kennell and Associates, Inc.* 

9:18 am-9:22 am Discussion

#### **Special Presentation 2**

Moderator:

9:25 am -10:00 am Limb Optimization

Speaker(s)

10:00 am-10:20 am Break with Exhibitors

10:20 am – 10:35 am **SOMOS Business Meeting** 

LtCol Christopher T. LeBrun, MD, R. Adams Cowley Shock Trauma

Center

(All Active SOMOS Members Invited to Attend)

#### Symposium 6 – Spine

Moderator: LCDR Scott C. Wagner, MD, Walter Reed National Military Medical Center

110:35 am-11:00 am Pediatric Topic Christopher K. Kepler, MD, MBA, Rothman Orthopaedic Institute Questions 11:00 am-11:05 am **General Session 6 – Spine** Civilian Moderator: Christopher K. Kepler, MD, MBA, Rothman Orthopaedic Institute Military Moderator: LCDR Scott C. Wagner, MD, Walter Reed National Military Medical Center 11:05 am-11:11 am 156 - Radiographic Analysis of Cervical Disc Arthroplasty Reoperations MAJ Griffin Holauchock, PhD, San Antonio Military Medical Center 11:11 am-11:17 am 6 - Are Precontoured Spinal Rods Mechanically Superior to Manually Contoured Rods? MAJ K. Aaron Shaw, DO, Dwight D. Eisenhower Army Medical Center 11:17 am-11:23 am 112 - Severity of Cervical Paraspinal Muscle Degeneration May Predict Axial Pain Improvement after Anterior Cervical Discectomy and Fusion Donald R. Fredericks, MD, Walter Reed National Military Medical Center 11:23 am-11:29 am 218 - Cervical Paraspinal Muscle Fatty Degeneration does not relate to Muscle Cross Sectional Area: Qualitative Assessment Preferable for Cervical Sarcopenia Arjun Sebastian, MD, MS, Mayo Clinic 11:29 am-11:35 am Discussion 11:35 am-11:41 am 157 - The Timing and Incidence of Surgical Intervention Following Diagnosis of Lumbar Disc Herniation at Military Treatment Facilities LT Ashley B. Anderson, MD, Walter Reed National Military Medical Center 11:41 am-11:47 am 186 - Minimally Invasive Sacroiliac Joint Fusion in Military Service Members MAJ(P) Anton Y. Jorgensen, MD, San Antonio Military Medical Center Kyle Marshall, San Antonio Military Medical Center 11:47 am-11:53 am 221 - Objective Swallowing Abnormalities Following Anterior Cervical Spine Surgery Capt John Wuellner, MD, University of California, Davis 11:53 am-11:59 am 162 - Outcomes of Failed Lumbar Disc Arthroplasties MAJ(P) Anton Y. Jorgensen, MD, San Antonio Military Medical Center Capt Taylor J. Bates, MD, San Antonio Military Medical Center

12:05 am-1:05 pm Focused Lunch Presentations \*CME Credit Not Available

Discussion

11:59 am-12:05 pm

1:05 pm-2:05 pm Scientific E-Poster Session (Presenters will be available to answer

questions.)

2:05 pm-3:05 pm **Multimedia Education Session** 

## Friday, December 20 - Warren Kadrmas Memorial Sports Day

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

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

questions.)

6:00 am-4:20 pm **Meeting Registration** 

6:00 am-4:20 pm Technical Exhibits, Coffee Breaks and Daily Drawing

Symposium 7 – Sports 1

Moderator: MAJ Kelly G. Kilcoyne, MD, William Beaumont Army Medical Center

7:00 am-7:25 am New Paradigms in Treatment Shoulder Instability

John D. Kelly IV, MD, University of Pennsylvania

7:25 am-7:30 am Questions

**General Session 7 – Sports 1: Shoulder & Elbow** 

Civilian Moderator: John D. Kelly IV, MD, University of Pennsylvania

Military Moderator: MAJ Kelly G. Kilcoyne, MD, William Beaumont Army Medical Center

7:30 am-7:36 am 175 - The Instability Severity Index Score Revisited: Evaluation of 217

Consecutive Cases of Recurrent Anterior Shoulder Instability

Capt Travis J. Dekker, MD, The Steadman Clinic

7:36 am-7:42 am 144 - The Incidence and Characterisitics of Shoulder Instability at the

United States Naval Academy

CPT Bobby G. Yow, MD, Walter Reed National Military Medical Center

7:42 am-7:48 am 136 - Combined and Posterior Labral Tears are More Common in a Large

Military Population with Operative Shoulder Instability than Previously

Reported

Capt Erin R. Swan, MD, BS, San Antonio Uniformed Services Health

Education Consortium

7:48 am-8:54 am 215 - Novel Technique to Assess Glenoid Bone Loss Using Anterior

CoracoGlenoid Line

Patrick W. Joyner, MD, OrthoCollier

7:54 am-8:00 am Discussion

8:00 am-8:06 am 1 - Analysis of Glenohumeral Joint Intraarticular Pressure Measurements

in Volume-Limited MR Arthrograms in Patients with Shoulder Instability

compared to a Control Group

	MAJ Joseph W. Galvin, DO, Madigan Army Medical Center
8:06 am-8:12 am	44 - Return to Sport Following Circumferential Labral Reconstruction in Athletes
	CPT Michael M. Polmear, MD, William Beaumont Army Medical Center
8:12 am-8:18 am	32 - The Modified Frailty Index Predicts Morbidity and Mortality in Arthroscopic Rotator Cuff Repair
	Capt Sophia A. Traven, MD, Medical University of South Carolina
8:18 am-8:24 am	146 - Return to Duty Following Arthroscopic Assisted Biceps Tenodesis with or without Concomitant Distal Clavicle Excision in Active Duty Soldiers
	Taylor D. Mansfield, MD, Madigan Army Medical Center

8:24 am-8:30 am Discussion

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

# ${\bf Rapid\ Fire\ Sessions\ 4A-Knee}$

Moderators: TBD

8:50 am-8:54 am	201 - Survivability of Primary Anterior Cruciate Ligament Reconstructions in Active Duty Service Members: A Four-Year Case- Control Study Veronika Pav, PhD, Kennell and Associates, Inc.
8:54 am-9:58 am	89 - Preoperative Sleep Disturbance Linked to Patient Reported Outcomes Following Arthroscopic Knee Surgery CPT Nicholas J. Drayer, MD, Madigan Army Medical Center
8:58 am-9:02 am	23 - Elevated BMI Predicts Concurrent Surgical Pathology at the Time of Adolescent ACL Reconstruction Capt Sophia A. Traven, MD, Medical University of South Carolina
9:02 am-9:06 am	Discussion
9:06 am-9:10 am	200 - Does Graft Selection Affect Risk of Failure After Anterior Cruciate Ligament Reconstruction in Active Duty Female Military Members? LT Sarah Nelson, MD, MS, Walter Reed National Military Medical Center
9:10 am-9:14 am	232 - ACL Reconstruction with Hamstring Autograft and Allograft Augmentation CPT Bryan G. Adams, MD, Madigan Army Medical Center
9:14 am-9:18 am	78 - Tibial Tubercle Osteotomy for Patellofemoral Instability in an Active- Duty Cohort CPT Liang Zhou, MD, MS, Tripler Army Medical Center

# Rapid Fire Sessions 4B – Shoulder

Discussion

9:18 am-9:22 am

Moderators: TBD		
8:50 am-8:54 am	135 - Primary Circumferential Labral Reconstruction: Not Just a Salvage Procedure CPT John P. Scanaliato, MD, William Beaumont Army Medical Center	
8:54 am-9:58 am	165 - Shoulder Instability in High School Football: Years of Eligibility Remaining LT Jessica R. Stambaugh, MD, Naval Medical Center San Diego	
8:58 am-9:02 am	180 - Anterior Shoulder Instability in the Professional Athlete: Return to Competition, Time to Return, and Career Length Capt Travis J. Dekker, MD, The Steadman Clinic	
9:02 am-9:06 am	Discussion	
9:06 am-9:10 am	123 - Treatment of an Intercondylar Notch Ganglion Cyst with Arthroscopic Debridement LT Nicholas P. Lopreiato, MD, US Naval Hospital Okinawa	
9:10 am-9:14 am	225 - Impact of Permissive Mobilization after Biceps Tenodesis on Early Failure Rates  LT John W Cancian, MD, Naval Medical Center Portsmouth	
9:14 am-9:18 am	192 - Readiness Impairment Following Primary Anterior Cruciate Ligament Reconstruction in Infantry ADSMs Veronika Pav, PhD, Kennell and Associates, Inc.	
9:18 am-9:22 am	Discussion	
Rapid Fire Sessions 4C – General Interest Moderators: TBD		
8:50 am-8:54 am	73 - Comparison of Knee and Shoulder Instability Recovery Trends in Military Health System Beneficiaries  Timothy C. Mauntel, PhD, ATC, Walter Reed National Military Medical Center	
8:54 am-9:58 am	93 - Pectoralis Major Reconstruction for Irreperable Ruptures: A Systematic Review CPT Phillip R. Schneider, MD, William Beaumont Army Medical Center	
8:58 am-9:02 am	8 - MRI of Pectoralis Major Injuries: Mechanism Affects Tear Location <i>CPT John D. Synovec, MD MBA, Fort Gordon, GA</i>	
9:02 am-9:06 am	Discussion	
9:06 am-9:10 am	71 - Surfing Injuries - A Review for the Orthopaedic Surgeon Ryan J. Bickley, MD, Tripler Army Medical Center	

9:10 am-9:14 am 19 - Outcomes of Pectoralis Major Tears in Active Duty US Military Personnel: A Comparison of Surgical Repairs Performed in the Forward Deployed Setting to Those Performed in the Continental United States Maj Dane Salazar, MD, Loyola University Hospital System 9:14 am-9:18 am 20 - Acute Pectoralis Major Tears in Active Duty US Military Personnel: Mid-Term Outcomes of Repairs Performed in the Forward Deployed Maj Dane Salazar, MD, Loyola University Hospital System 9:18 am-9:22 am Discussion Rapid Fire Sessions 4D – Shoulder and Elbow Arthroplasty Moderators: 8:50 am-8:54 am 21 - Intraoperative Efficiency in Contemporary Total Shoulder Arthroplasty: Is Manual Pressure During Cement Curing Still Necessary with Interference Fit Pegged Glenoids? Maj Dane Salazar, MD, Loyola University Hospital System 8:54 am-9:58 am 83 - Evaluation of Polyethylene Liner Dissociation in Reverse Total Shoulder Arthroplasty 2LT Mikalyn T. DeFoor, BS, Medical College of Georgia at Augusta University 8:58 am-9:02 am 104 – Publication Trends of Residents Matching into Shoulder and Elbow **Fellowships** CPT Andrew Chan, MD, William Beaumont Army Medical Center 9:02 am-9:06 am Discussion 9:06 am-9:10 am 199 - Glenoid Bone Loss in Relation to Glenoid Bone Mineral Density CPT Donald Colantonio III, MD, Walter Reed National Military Medical Center 9:10 am-9:14 am 57 - Total Elbow Arthroplasty: A Surgical Decision-Making Analysis on Outcomes CPT John P. Scanaliato, MD, William Beaumont Army Medical Center 9:14 am-9:18 am 33 - Smoking is Associated with Increased Surgical Complications Following Total Shoulder Arthroplasty: An Analysis of 14,465 Patients Alyssa D. Althoff, BS, Medical University of South Carolina 9:18 am-9:22 am Discussion Symposium 8 – Sports 2 Moderator: MAJ David Tennent, MD, Evans Army Medical Activity 9:25 am-9:50 am Pediatric Topic Gregory C. Fanelli, MD, Fanelli Geisinger Sports Injury Clinic

9:50 am-9:55 am

Questions

9:55 am-10:15 am Break with Exhibitors

General Session 8 – Sports 2		
Civilian Moderator: Military Moderator:	Gregory C. Fanelli, MD, Fanelli Geisinger Sports Injury Clinic MAJ David Tennent, MD, Evans Army Medical Activity	
10:15 am-10:21 am	240 - Prior Sports Specialization is Associated with Lower Extremity Stress Fracture in Service Academy Cadets <i>Kenneth L. Cameron, PhD, MPH, ATC, Keller Army Hospital</i>	
10:21 am-10:27 am	190 - Minimum 5-Year Clinical Outcomes, Survivorship, and Return to Sports after Hamstring Autograft Reconstruction for Sternoclavicular Joint Instability  Capt Travis J. Dekker, MD, The Steadman Clinic	
10:27 am-10:33 am	222 - Adolescent Sports Specialization Is Associated with College Sports Ankle Injury  MAJ Michael A. Donohue, MD, Keller Army Community Hospital	
10:33 am-10:39 am	154 - Blumensaat's Line as a Prediction of Native Anterior Cruciate Ligament Length Frederic B. Mills, MS, Palmetto Health - University of South Carolina Orthopaedic Center	
10:39 am-10:45 am	Discussion	
10:45 am-10:51 am	130 - Mechanical Testing of ACL Reconstruction Secondary Fixation Devices  MAJ David J. Tennent, MD, John A Feagin Jr. Orthopaedic Sports  Medicine Fellowship	
10:51 am-10:57 am	66 - Increased Posterior Tibial Slope is Associated with Higher Rates of Anterior Cruciate Ligament Reconstruction Graft Rupture CPT Christian Cruz, MD, Tripler Army Medical Center	
10:57 am-11:03 am	79 - Bone-Patellar Tendon-Autograft (BTA) ACL Reconstruction: Clinical results of New Technique COL(R) Craig R. Bottoni, MD, Tripler Army Medical Center	
11:03 am-11:09 am	205 - Current Practice Patterns in ACL Reconstruction (ACLR) Among Fellowship-Trained Military Orthopaedic Surgeons CPT Thomas B. Lynch, MD, San Antonio Military Medical Center	
11:09 am-11:15 am	Discussion	
11:15 am-12:15 pm	Focused Lunch Presentations *CME Credit Not Available	
12:20 pm-12:35 pm	AAOS Update Kristy L. Weber, MD, President, AAOS, University of Pennsylvania	

## Symposium 9 – Sports 3

Moderator: LCDR George C. Balazs, MD, Hospital for Special Surgery

12:35 pm-1:00 pm How Combined Version Affects My Hip Scope Practice

Anil S. Ranawat, MD, Hospital for Special Surgery

1:00 pm -1:05 pm Questions

## **General Session 9 – Sports 3**

Civilian Moderator: Anil S. Ranawat, MD, Hospital for Special Surgery

Military Moderator: LCDR George C. Balazs, MD, Hospital for Special Surgery

1:05 pm-1:11 pm 99 - Predictors of Failure After Surgical Treatment of Femoroacetabular

Impingement: Results of a Multicenter Prospective Cohort of 621 Hips Lt Col Matthew R. Schmitz, MD, San Antonio Military Medical Center

1:11 pm-1:17 pm 113 - Periacetabular Osteotomy in US Military Personnel: A Single

Center's Experience

Capt Andrew S. Murtha, MD, San Antonio Military Medical Center

1:17 pm-1:23 pm 191 - Patient Outcomes after Vascularized Fibular Graft for Treatment of

Femoral Head Avascular Necrosis

Christopher M. Belyea, MD, Tripler Army Medical Center

1:23 pm-1:29 pm 176 - Minimum 5-Year Outcomes and Return to Sport Following

Resection Arthroplasty for the Treatment of Sternoclavicular

Osteoarthritis

Capt Travis J. Dekker, MD, The Steadman Clinic

1:29 pm-1:35 pm Discussion

1:35 pm-1:41 pm 100 - Surgical Treatment of Femoroacetabular Impingement: Arthroscopy

vs. Surgical Hip Dislocation – A Propensity Matched Analysis

Lt Col Matthew R. Schmitz, MD, San Antonio Military Medical Center

1:41 pm-1:47 pm 137 - Hip Effusion is Predictive of Progression to Surgical Management of

Femoral Neck Stress Fractures: A Review in US Military Service

Members

Capt Erin R. Swan, MD, BS, San Antonio Uniformed Services Health

Education Consortium

1:47 pm-1:53 pm 58 - Lumbar Plexus Block vs. Peri-capsular Injection for Hip Arthroscopy

CPT John P. Scanaliato, MD, William Beaumont Army Medical Center

1:53 pm-1:59 pm 26 - Nationwide Trends in Opioid Prescriptions for Common Orthopaedic

Procedures: Are We Over-Prescribing?

Capt Sophia A. Traven, MD, Medical University of South Carolina

1:59 pm-2:05 pm Discussion

2:05 am-2:15 am Break

#### **Special Presentation 3**

Moderator:

2:15 pm-2:50 pm So You Think You Want to Be a Team Physician

Peter Indelicato, MD, University of Florida

## Symposium 10 – Foot & Ankle

Moderator: CDR Thomas J. Douglas III, MD, Naval Medical Center Portsmouth

2:50 pm-3:15 pm Pediatric Topic

Christopher P. Chiodo, MD, Brigham and Women's Hospital

3:15 pm-3:20 pm Questions

## **General Session 10 – Foot & Ankle**

Civilian Moderator: Christopher P. Chiodo, MD, Brigham and Women's Hospital

Military Moderator: CDR Thomas J. Douglas III, MD, Naval Medical Center Portsmouth

3:20 pm-3:26 pm 152 - Outcomes of Posterior Arthroscopic Reduction and Internal Fixation

for the Posterior Malleolar Fragment in Trimalleolar Ankle Fractures

MAJ Kevin Martin, DO, Womack Army Medical Center

3:26 pm-3:32 pm 124 - Characterization of Operatively Treated Osteochondral Lesions of

the Talus

CPT Tyler Nicholson, MD, William Beaumont Army Medical Center

3:32 pm-3:38 pm 194 - Patient Reported Outcomes of Lateral Ankle Stabilization in a

Military Population: Good Results After Two Years LT Chihua Lee, MD, Naval Medical Center Portsmouth

3:38 pm-3:44 pm 171 - The Effect of Lateral Column Lengthening on Subtalar Motion

CAPT Mitchell C. Harris, MD, Texas Scottish Rite Hospital for Children

3:44 pm-3:50 pm Discussion

3:50 pm-3:56 pm 86 - Preoperative Sleep Disturbance Linked to Short-Term Outcomes

following Orthopaedic Foot and Ankle Surgery

CPT Nicholas J. Drayer, MD, Madigan Army Medical Center

3:56 pm-4:02 pm 24 - Significant Racial and Ethnic Disparities in Lower Extremity

Amputation for Critical Limb Ischemia

Capt Sophia A. Traven, MD, Medical University of South Carolina

4:02 pm-4:08 pm 170 - Open Ankle Fractures: Is Immediate Internal Fixation Safe?

Griffin M. Biedron, MD, William Beaumont Army Medical Center

4:08 pm-4:14 pm 70 - Outcomes after Intramedullary Screw Fixation of Jones Fractures: A

Case Series

CPT Ryan B. Bucknam, MD, William Beaumont Army Medical Center

4:14 pm-4:20 pm Discussion

4:20 pm-5:20 pm Service Breakouts
Air Force

Air Force Army Navy

5:20 pm-6:20 pm **Multimedia Education Session**