SOMOS Virtual Presentations

Session 1 – Best Of SOMOS

Founder’s Award
Norman T. Kirk Award

Jamie Bulken Hoover – Best Hand Paper Award

Mazurek Award
*Maj Andrew J. Sheean, MD, San Antonio Military Medical Center*

2020 SOMOS Research Grant Recipient

2020 Winning Resident Program for Research

Session 2 - Adult Reconstruction

175 - PROMIS Depression and Anxiety Linked to Outcomes After Knee Arthroplasty
*CPT Kyle S. Ardavanis, MD, Madigan Army Medical Center*

233 - PROMIS Depression and Anxiety Linked to Outcomes After Hip Arthroplasty
*CPT Kyle S. Ardavanis, MD, Madigan Army Medical Center*

165 - The Effect of Preoperative Narcotic Reporting on Pain Management After Total Joint Arthroplasty
*MAJ Joseph H. Dannenbaum, MD, Madigan Army Medical Center*

166 - Variability of Patient Report Outcome Measures Based on Hospital vs. Office Acquisition in TJR
*MAJ Joseph H. Dannenbaum, MD, Madigan Army Medical Center*

238 - Reoperation Rates after Cerclage Wire Placement in Primary Total Hip Arthroplasty
*MAJ Joseph H. Dannenbaum, MD, Madigan Army Medical Center*

189 - Trends in Management of Femoral Neck Fractures by Arthroplasty Surgeons
*Hunter Graver, MD, William Beaumont Army Medical Center*

17 - Shifts in Postoperative Opioid Prescriptions Following Total Hip Arthroplasty
*LT Clare E. Griffis, MS, MD, Naval Medical Center Portsmouth*

153 - Retrospective Review of CSE vs. SA for Primary TKA
*LCDR Nicholas Healy, MD, Naval Medical Center San Diego*
167 - Incidence of Loss of Pulse in Non-Operative Leg for Posterior Approach Total Hip Arthroplasty on Pegboard
Lt. Col. William R. Howarth, MD, New England Baptist Hospital

82 - Tobacco Use, Stronger Risk for TKA Failure than Diabetes or Morbid Obesity
James A. Keeney, MD, University of Missouri

261 - Clinical Outcomes and Return to Active Duty After Hip Arthroscopy
LT Thomas J. Kelsey, MD, Naval Medical Center San Diego

55 - Risk Factors for Total Knee Arthroplasty Before Age 50
LT Aaron A. Olsen, DO, Naval Medical Center Portsmouth

81 - Intraoperative Imaging in THA: Optimizing Position-Balancing Time
William M. Ralston, DO, University of Missouri

132 - Femoral Axes Cannot Accurately Predict Femoral Rotation in Gap-Balanced TKA
CPT Ian G. Schroeder, MD, Cedars-Sinai Medical Center

134 - Intraoperative Femoral Rotational Axes Have Highly Variable Relationships During TKA
CPT Ian G. Schroeder, MD, Cedars-Sinai Medical Center

86 - Neuraxial Anesthesia Administered in Preoperative Holding for Total Joint Arthroplasty is Safe and Efficacious
Joshua E. Simson, MD, William Beaumont Army Medical Center

247 - Alignment in Medial Fixed-Bearing UKA: Limb has a Leg up on the Component
CPT Sean E. Slaven, MD, Walter Reed National Military Medical Center

Session 3 - Basic Science
184 - An Epigenetic Reprogramming Strategy for Promoting Peripheral Nerve Regeneration
CPT Michael D. Bedrin II, MD, Walter Reed National Military Medical Center

268 - Mobilized Peripheral Blood Stem Cells are Pluripotent and Can be Safely Harvested and Stored for Orthopedic Indications
Maj Travis J. Dekker, MD, Eglin Air Force Base

115 - An In Vitro Biomechanical Comparison of Suture Constructs for Tendon Repairs Under Cyclic Loading
Anthony H. Le, BS, Walter Reed National Military Medical Center

116 - TGF-Beta-Targeting as a Novel Therapeutic Strategy for Post-Traumatic Heterotopic Ossification
Robert M. Putko, MD, Walter Reed National Military Medical Center
226 - Kinematics of the Infrapatellar Fat Pad, and Infrapatellar Plica  
*LCOL Thomas V. Smallman, BSc, MSc, MD, Upstate Medical University*

144 - Blast Waves Induce Osteogenesis in Mesenchymal Stem Cells  
*MAJOR Sarah K. Stewart, MBChB, BMedSci, Imperial College London*

**Session 4 - Foot & Ankle**

101 - Efficacy of the Glidepath Technique for Ankle Syndesmosis Reduction  
*CPT Jacob M. Arthur, MD, Tripler Army Medical Center*

22 - Early Weight Bearing and CT-Demonstrated Fusion After Primary Tibiotalar Arthrodesis Using an Contoured Anterior Ankle Fusion Plating  
*Cpt Kyle J. Bockelman, DO, William Beaumont Army Medical Center*

131 - Eliminating the Pain Generator in Calcaneus Fractures  
*Ainsley Bloomer, BS, BA, Atrium Health Musculoskeletal Institute*

231 - Biomechanical Properties of the Sonic Anchor vs. Traditional Suture Anchors  
*CPT Ryan B. Bucknam, MD, William Beaumont Army Medical Center*

114 - Industry Payments to Foot and Ankle Surgeons and Their Effect on Total Ankle Arthroplasty Outcomes  
*LCDR John S. Donoughe, DO, MPAS, Naval Medical Center San Diego*

93 - Single Surgeon Outcomes for Lisfranc Injuries: Arthrodesis vs. ORIF  
*CPT Kyle J. Klahs, DO, William Beaumont Army Medical Center*

265 - Ankle Arthrodesis within the Active Duty Military Population  
*Gregory E. Lause, MD, Tripler Army Medical Center*

85 - Localizing Osteochondral Lesions of the Talus Using a Nine-Grid scheme: Validation Among Orthopaedic Foot and Ankle Surgeons.  
*2LT Trevor McBride, BS, Sidney Kimmel Medical College at Thomas Jefferson University*

38 - Early Weightbearing Following Intramedullary Screw Fixation of Jones Fractures Does Not Increase the Risk of Delayed Union  
*LT John R. Renehan, MD, Georgetown University Hospital*

236 - Active Duty Retention post Hallux Valgus Osteotomies: A Retrospective Study Based on Fitness Performance  
*Capt Paul Schroeder, MD, Brooke Army Medical Center*

42 - Return to Run Rates Following Hallux Valgus Correction  
*CPT Alicia M. Unangst, DO, Tripler Army Medical Center*
Session 5 - Hand & Wrist
23 - Capsulotomy without Osteophytectomy for the Treatment of Mucous Cysts: Surgical Technique and Case Analysis
Capt Taylor J. Bates, MD, San Antonio Military Medical Center

14 - All-Suture Anchor Repair of the Flexor Digitorum Profundus Insertion: A Biomechanical Comparison of Two Suturing Techniques
Christopher M. Belyea, MD, MBA, Walter Reed National Military Medical Center

254 - Hand Surgery Trends During the COVID-19 Pandemic
Jordan T. Carter, BS, Texas Tech University Health Science Center, El Paso/Paul L. Foster School of Medicine

12 - Bone Morphogenic Protein 2 Use for the Surgical Treatment of Acute Scaphoid Fractures and Scaphoid Non-unions
CPT Desraj M. Clark, MD, Walter Reed National Military Medical Center

13 - Risk Factors for Distal Radius Osteotomy Non-Unions
CPT Desraj M. Clark, MD, Walter Reed National Military Medical Center

221 - Improvised Dynamic External Fixation Devices for Proximal Interphalangeal Joint Dorsal Fracture-Dislocations
MAJ Christopher M. Daniels, MD, Walter Reed National Military Medical Center

28 - Outcomes following Surgery for Pediatric Phalangeal Head and Neck Fractures
CPT J. Banks Deal, MD, Tripler Army Medical Center

110 - Iatrogenic Peripheral Nerve Injuries Associated with Reverse Total Shoulder Arthroplasty
LCDR Lauren K. Dutton, MD, Mayo Clinic

245 - Acral Myxoinflammatory Fibroblastic Sarcoma: A Care Report and Literature Review
CPT Joshua Hattaway, DO, Dwight D. Eisenhower Army Medical Center

126 - Mechanisms of Injury for Carpal Tunnel Syndrome by Age Group
CPT Nemesis Y. Hazim Liriano, MD, Tripler Army Medical Center

161 - Successful Closed Reduction of Volar Locking Plate Plastic Deformation
2LT Hannah Inlay, Madigan Army Medical Center

204 - Scaphoid Waist Non-Unions Treated with Autogenous Bone Graft: A Retrospective Review
LT Joshua A. Kotler, MD, Naval Medical Center Portsmouth

275 - Radial Synergy Test: An Aid to Diagnose de Quervain’s Tenosynovitis
LT Phillip N. Langford, MD, Naval Medical Center Portsmouth
138 - Functional Outcomes of Medial Clavicle Fractures
*Maj Matthew H. Lindsey, MD, Mass General Brigham*

112 - Alternate Graft for Staged Flexor Tendon Reconstruction: A Cadaveric Study of Hamstring Autografts Compared to Conventional Autograft
*CPT Thomas B. Lynch, MD, San Antonio Military Medical Center*

65 - Proximal Pole Scaphoid Nonunions: Treatment with Hamate Transfer
*Lt Shian Liu Peterson, MD, Naval Medical Center San Diego*

69 - Repair vs. AIN SETS in Ulnar Nerve Injuries: Cohort Study
*CPT Michael M. Polmear, MD, William Beaumont Army Medical Center*

219 - Pushing the Envelope: Achieving Single-Stage Primary Closure of Large Flap Donor Sites with Continuous External Tissue Expansion
*Lt Robert M. Putko, MD, Walter Reed National Military Medical Center*

179 - Return to Active Duty After Traumatic Digital Amputation
*Capt Dawn M. G. Rask, MD, Brooke Army Medical Center*

46 - Traumatic Partial Hand Amputation and the Starfish Procedure in an Active Duty Service Member: A Case Report and Review of Literature
*Ltc John R. Reaume, MD, MHSA, Martin Army Community Hospital*

248 - Traumatic Median Nerve Entrapment in Setting of Riche-Cannieu Anastomosis
*Lt John R. Renehan, MD, Georgetown University Hospital*

140 - Flexor Pollicis Longus Rupture Secondary to Erosive Changes in DISI
*CPT Zachary Roward, MD, Brooke Army Medical Center*

241 - Carpometacarpal Joint Hemitrapeziectomy with Interposition Arthroplasty Using Autologous Auricular Cartilage
*CPT Patrick Rushford, BBA, MD, Dwight D. Eisenhower Army Medical Center*

83 - Complications of Elective Hand and Wrist Surgery Following Axillary Lymph Node Dissection: A Prospective, Cohort Study
*Capt Casey Sabbag, MD, OrthoCarolina*

102 - Research Trends in Hand Surgery: a 10-year Investigation
*CPT John P. Scanciato, MD, William Beaumont Army Medical Center*

117 - Quality of Evidence and Analysis of Pharmacologic Treatments in CRPS
*CPT Mikel Tihista, MD, William Beaumont Army Medical Center*
264 - Computed Tomography Alters Distal Radius Fracture Management Despite Closed Reduction
LT Trevor Tompane, MD, MPH, Naval Medical Center San Diego

30 - Radial to Axillary Nerve Transfers: Expected Outcomes in Shoulder Abduction and Factors to Consider
CPT Matthew E. Wells, DO, William Beaumont Army Medical Center

51 - Thirty Day Morbidity and Mortality Outcomes in the Setting of Scaphoid Non-Unions Fixed with Free-Vascularized Bone Transfer
CPT Matthew E. Wells, DO, William Beaumont Army Medical Center

103 - Incidence of Scaphoid Fractures and Associated Injuries at US Trauma Centers
CPT Matthew E. Wells, DO, William Beaumont Army Medical Center

228 - Extensor Digitorum Brevis Manus: A Case Report of Surgical Management with Wide Awake Protocol
CPT Cortney N. Wolfley, DO, Dwight D. Eisenhower Army Medical Center

229 - Hyperbaric Oxygen Therapy for Digital Ulcers Secondary to Chronic Ischemia of the Hand: A Case Report
CPT Cortney N. Wolfley, DO, Dwight D. Eisenhower Army Medical Center

**Session 6 - Infection**
129 - Mobile Thermal Imaging to Assess Soft-Tissue Readiness in Pilon Fractures
Howenstein Abby, MD, Atrium Health Musculoskeletal Institute

253 - Necrotizing Fasciitis of the Upper Extremity in IV Drug Users
Jordan T. Carter, BS, Texas Tech University Health Science Center, El Paso/Paul L. Foster School of Medicine

149 - A Single-Stage Approach to Treatment of Fracture-Related Infections
Olivia M. Rice, MD, Atrium Health Musculoskeletal Institute

135 - Accuracy of Surgical Cultures in Aseptic Nonunion Surgeries is Questionable
Olivia M. Rice, MD, Atrium Health Musculoskeletal Institute

**Session 7 - Other**
249 - Safety of Blood Flow Restriction Therapy: A Literature Review
Kevin D. Anderson, UT Health San Antonio Long School of Medicine

128 - It Gets Better: Natural History of APC-I (OTA 61B1.2) Pelvic Ring Injuries
Stephen Gibbs, MD, Atrium Health Musculoskeletal Institute
58 - Orthopaedic Surgeons Prescribe More Opioids in the MHS than in Comparable Civilian
LT Daniel D. Johnson, MD, Naval Medical Center Portsmouth

168 - Traumatic Enthesophyte Formation from Pectoralis Major Rupture: A Case Report
Nischal S. Nadig, DO, Dwight D. Eisenhower Army Medical Center

75 - Unhealthy Thoughts Inversely Correlated with Pain Control Satisfaction Following Surgery
LT Carl A. Nunziato, MD, Dell Seton Medical Center

240 - Osteoporosis Screening Using Preoperative Cervical Spine Computed Tomography Scans
CPT Christopher S. Wallace, MD, Madigan Army Medical Center

Session 8 - Pediatrics
54 - Open Reduction of Pediatric Lateral Condyle Fracture: A Systematic Review
CPT Michael D. Eckhoff, MD, William Beaumont Army Medical Center

151 - Median Nerve Entrapment Following Irreducible Elbow Dislocation: Acute Presentation
LT Scott Feeley, MD, Naval Medical Center San Diego

95 - Multifocal Infections by Streptococcus pyogenes in a Healthy Pediatric Patient
LT Kevin Foley, MD, Naval Medical Center Portsmouth

29 - Core Decompression and BMAC Treatment of AVN in Pediatric SCD
CPT Joshua Hattaway, DO, Dwight D. Eisenhower Army Medical Center

125 - Prophylactic Anterior Fasciotomy for Compartment Syndrome in Tibial Tubercle Fractures
CPT Nemesis Y. Hazim Liriano, MD, Tripler Army Medical Center

182 - Displaced Pediatric Supracondylar Humerus Fractures: Treatment by a Pediatric
Orthopaedic Surgeon vs. a Non-Pediatric Orthopaedic Surgeon
CAPT William Hennrikus, MD, Penn State College of Medicine

180 - Pediatric Proximal Humerus Fracture Dislocation Treated Non-Operatively: Case Report
LT Hicks C. Manson, MD, Naval Medical Center Portsmouth

74 - NPO Time and Aspiration Unrelated in Pediatric Isolated Trauma Patients
LT Carl A. Nunziato, MD, Dell Seton Medical Center

239 - Do Children’s Hospitals Present Opportunities for Appropriate Disposal of Opioid Medications?
MAJ Joseph L. Petfield, MD, Nemours Alfred I. duPont Hospital for Children

59 - Talar Head Fracture in a Competitive Gymnast: A Case Report.
LT Galen Sanderson, MD, Naval Medical Center Portsmouth
186 - Resection of the Infrapatellar Plica Relieves Recalcitrant Anterior Knee Pain
_LCOL Thomas V. Smallman, BSc, MSc, MD, Upstate Medical University_

49 - Proximal Femur Guided Growth: A Systematic Review
_CPT Joshua C. Tadlock, MD, William Beaumont Army Medical Center_

50 - Medial Epicondyle Fractures in Athletes: A Systematic Review
_CPT Joshua C. Tadlock, MD, William Beaumont Army Medical Center_

**Session 9 - Practice Management/Education**

154 - Machine Learning for Prediction of Sustained Opioid Prescriptions After Hip Arthroscopy
_LT Ashley B. Anderson, MD, Walter Reed National Military Medical Center_

106 - Mentorship in Orthopaedic Surgery Residency
_CPT Danielle Cummings, MD, Madigan Army Medical Center_

53 - Patient Expectations for Opioid Analgesia Following Orthopaedic Surgery: A Preliminary Survey
_LCDR James M. Harrison, MD, Naval Medical Center Portsmouth_

148 - Linguistic Analysis of Military Orthopedic Residency Personal Statements
_LCDR Nicholas Healy, MD, Naval Medical Center San Diego_

157 - Research Productivity: Do Prolific Medical Students Produce Research as Residents?
_LCDR Todd W. Heig, MD, Naval Medical Center San Diego_

130 - Relationship Between Orthopaedic Job Market and Sports Medicine Fellowship Applications
_CPT Marcus Hoof, MD, San Antonio Military Medical Center_

1 - Are Orthopaedic Surgery Applicants Making an Impact?
_LCDR Cory F. Janney, MD, Naval Medical Center San Diego_

234 - Single City Analysis of Industry Relationships of Military Orthopedic Surgeons
_Katherine J. Jensen, MChE, MPH, University of Texas Health Science Center San Antonio/Long School of Medicine_

225 - How Surgeon Preferences Affect Value of Arthroscopic Meniscectomy
_2dLT Dietrich W. Kayser, MD, University of Texas Health Center, San Antonio_

56 - High-Fidelity Orthopaedic Surgical Skills Models and Resident Performance in the Surgical Treatment of Tibial Plateau Fractures
_LT Joshua A. Kotler, MD, Naval Medical Center Portsmouth_
183 - Improving Care by Decreasing Wait Times: A Military Health System Quality Improvement Project  
*CPT Emily McDermott, MD, San Antonio Military Medical Center*

16 - Team Based Competitive Journal Club for the Millennial Learner  
*CDR Lucas S. McDonald, MD, MPHTM, Naval Medical Center San Diego*

88 - The Orthopedic Call Shift: Tips for Success  
*LT Colin E. Nevins, MD, Naval Medical Center Portsmouth*

169 - Military Trauma and Orthopaedics Experience of the UK COVID-19 Pandemic  
*Maj Timothy W. Packer, MB, ChB, Academic Department for Military Surgery and Trauma*

170 - Orthopaedic Patients’ Attitudes Towards Telemedicine  
*Capt Haydn J. Roberts, MD, University of Arizona, Tucson*

90 - Orthopaedic Surgery Resident Selection: an AOA Program Director Survey  
*CPT John P. Scanaliato, MD, William Beaumont Army Medical Center*

107 - Influence of Question Volume and Performance on Orthopaedic In-Training Examination Performance  
*CPT Spencer S. Schulte, MD, William Beaumont Army Medical Center*

190 - Impact of COVID-19 on Military Resident Surgical Case Volume  
*CPT Joshua C. Tadlock, MD, William Beaumont Army Medical Center*

195 - Septic Arthritis vs. Rheumatoid Flare: The Importance of Clinical Judgement  
*CPT Alicia M. Unangst, DO, Tripler Army Medical Center*

124 - Orthopaedic Post-Surgical Opioid Prescribing Guidelines: Short Term Success  
*CPT Connor Venrick, MD, Tripler Army Medical Center*

242 - Cybersecurity Risks With Expanding Use of Orthopedic Robotic Surgical Tools  
*CPT Christopher S. Wallace, MD, Madigan Army Medical Center*

25 - Cast Removal Safety: Validation of a Cost-Effective Simulation Module  
*LT Kyle Wieschhaus, MD, Naval Medical Center Portsmouth*

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**Session 10 - Shoulder & Elbow**

273 - Risk Factors for Postoperative Opioid Use in Arthroscopic Shoulder Labrum Surgery  
*CPT Erickson Andrews, MD, Henry Ford Hospital Detroit Michigan*

174 - Clinical Outcomes with the Implant-Free Open Subpectoral Biceps Tenodesis  
*CPT Michael Baird, MD, Walter Reed National Military Medical Center*
176 - Open Subpectoral Biceps Tenodesis Technique With Implant-Free Fixation  
_CPT Michael Baird, MD, Walter Reed National Military Medical Center_

118 - Outcomes of Reverse Shoulder Arthroplasty with A Custom Glenoid Baseplate  
_Blake M. Bodendorfer, MD, Georgetown University Medical Center_

123 - Significant Variability in Templating Software Glenoid Measurements for Shoulder Arthroplasty  
_Blake M. Bodendorfer, MD, Georgetown University Medical Center_

160 - Distal Biceps Repair: Cost Analysis of Single vs. Double Incision  
_CPT Daniel J. Cognetti, MD, Brooke Army Medical Center_

139 - Quadrilateral Space Syndrome: A Diagnosis and Management Algorithm  
_CPT Donald Colantonio, MD, Walter Reed National Military Medical Center_

143 - The Latarjet Procedure: An Active Duty Retrospective Outcome Study  
_CPT Christian Cruz, MD, Tripler Army Medical Center_

60 - Mathematical Modeling of Glenoid Bone Loss: Calculations Affect Surgical Decision-Making  
_Capt Mikalyn T. DeFoor, MD, Brooke Army Medical Center_

269 - Quantitative and Qualitative Analysis of the Glenohumeral Ligaments: An Anatomic Study  
_Maj Travis J. Dekker, MD, Eglin Air Force Base_

271 - Glenoid Retroversion Does Not Impact Clinical Outcomes or Implant Survivorship Following Total Shoulder Arthroplasty with Minimal, Non-Corrective Reaming  
_Maj Travis J. Dekker, MD, Eglin Air Force Base_

210 - Femoral Head Allograft Augmentation for ORIF of Proximal Humerus Fractures  
_CPT Joseph T. Durso, MD, Madigan Army Medical Center_

92 - Ultrasound Guided Biceps Injections Frequently Lead to Glenohumeral Joint Extravasation  
_MAJ Joseph W. Galvin, DO, Madigan Army Medical Center_

52 - A Novel Surgical Technique for Glenoid Reconstruction in the Trauma Setting with a Distal Tibia Allograft  
_LCDR James M. Harrison, MD, Naval Medical Center Portsmouth_

32 - One vs. Two-Stage Revision for Shoulder Arthroplasty Infections: A Systematic Review and Analysis of Study Selection Bias  
_Zachary L. McBeth, MD, Madigan Army Medical Center_

232 - Botulinum Toxin Injection as an Orthopaedic Adjunct for Treating Musculoskeletal Injuries
Colleen M. Moreland, DO, Dwight D. Eisenhower Army Medical Center

137 - Characteristics and Complications of Operative Acromioclavicular Joint Separations
LT Nicholas M. Panarello, MD, Walter Reed National Military Medical Center

68 - Post-Operative Immobilization in Total Elbow Arthroplasty for Rheumatoid Arthritis
CPT Michael M. Polmear, MD, William Beaumont Army Medical Center

133 - Suprascapularis Split vs. Takedown in Latarjet Procedures in the Military
CPT Joshua W. Sy, DO, Tripler Army Medical Center

19 - Systematic Review and Quantitative Synthesis of Chronic Distal Bicep Rupture
CPT John D. Synovec, MD MBA, Medical University of South Carolina

198 - Idiopathic Suprascapular Nerve Palsy Treated with Lower Trapezius Tendon Transfer
CPT Alicia M. Unangst, DO, Tripler Army Medical Center

258 - The Incidence of Bone Loss in Combined Anterior-Posterior Lesions of the Glenoid Labrum
CPT Henry Yu, MD, Madigan Army Medical Center

Session 11 - Spine

2 - Minimally Invasive Scoliosis Surgery with Trans-Kambin Posterior Oblique Lateral Lumbar Interbody Fusion: Single Surgeon Feasibility Study
Hamid R. Abbasi, PhD, Inspired Spine

3 - Economic Performance of Trans-Kambin Posterior Oblique Lateral Lumbar Interbody Fusion (OLLIF) with a Focus on Hospital Throughput Efficiency
Hamid R. Abbasi, PhD, Inspired Spine

6 - Effect of Body Mass Index on Perioperative Outcomes in Minimally Invasive Trans-Kambin Posterior Oblique Lateral Lumbar Interbody Fusion vs. Open Fusions: A Multivariant Analysis
Hamid R. Abbasi, PhD, Inspired Spine

7 - Clinical and Radiological Outcomes of Trans-Kambin Posterior Oblique Lateral Lumbar Interbody Fusion
Hamid R. Abbasi, PhD, Inspired Spine

109 - The Effect of Preoperative Mental Health Status on Outcomes after Cervical Fusion
CPT Donald Colantonio, MD, Walter Reed National Military Medical Center

LCDR John S. Donoughe, DO, MPAS, Naval Medical Center San Diego
224 - Evaluation of Interrater Agreement of Novel Virtual Spine Physical Examination During the COVID-19 Pandemic
*CPT Donald R. Fredericks, MD, Walter Reed National Military Medical Center*

178 - Management of Iatrogenic Facet Cysts: A Case Series
*LT Conor F. McCarthy, MD, Walter Reed National Military Medical Center*

213 - Cervical Range of Motion Testing by Virtual Reality in the Israel Air Force
*Capt Shir Naveh, BPT, Aero-Medical Centre, Israel Air Force Medical Headquarters, IDF*

105 - Longer Stays and Higher Infection Rates in Non-Whites Undergoing Lumbar Fusion
*LT Sarah Nelson, MD, MS, Walter Reed National Military Medical Center*

243 - Telehealth Feasibility, Patient Satisfaction, Provider Satisfaction, and Perception of Value in Patients with Cervical Pathology: A Multicenter Evaluation during the COVID-19 Pandemic
*Arjun Sebastian, MD, MS, Mayo Clinic*

246 - Risk Factors for Allograft Subsidence following ACDF
*Arjun Sebastian, MD, MS, Mayo Clinic*

250 - Allograft Subsidence has Minimal Effect on Cervical Alignment following ACDF
*Arjun Sebastian, MD, MS, Mayo Clinic*

251 - Postoperative SVA >4 cm has no Impact on Neck Pain Scores after C2-T2 Fusion for Myelopathy: Results from a Multi-Center Cohort Study
*Arjun Sebastian, MD MS, Mayo Clinic*

252 - Cervical Alignment and Distal Junctional Failure in Posterior Cervical Fusion: A Multicenter Comparison of Two Surgical Approaches
*Arjun Sebastian, MD, MS, Mayo Clinic*

199 - Impact of Preoperative Weakness and Duration of Symptoms on Health-Related Quality-of-Life Outcomes Following Anterior Cervical Discectomy and Fusion
*Capt Kartik Shenoy, MD, Rothman Orthopedic Institute at Thomas Jefferson University*

200 - Cost of Readmission in Medicare Patients Following Primary Cervical Decompression and Fusion Procedures
*Capt Kartik Shenoy, MD, Rothman Orthopedic Institute at Thomas Jefferson University*

201 - Spine Patient Satisfaction with Telemedicine During the COVID-19 Pandemic: A Cross-Sectional Study
*Capt Kartik Shenoy, MD, Rothman Orthopedic Institute at Thomas Jefferson University*

48 - Autonomous Vehicle Impact on Spine Trauma Volume Will Be Slow and Steady
*LT Natasha M. Simske, BS, University of Wisconsin School of Medicine and Public Health*
217 - Single Photon Emission Computed Tomography in Degenerative Spinal Disorders

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

98 - A Single Question Patient Reported Outcome Measure is Comparable to Other Measures after Anterior Cervical Discectomy and Fusion

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

99 - Defining Clinical Improvements after Anterior Cervical Fusion Surgery Using SANE

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

100 - Anterior Cervical Discectomy and Fusion Yields Significant Improvements in Patient-Reported Anxiety and Depression

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

### Session 12 - Sports Injuries

155 - Hamstring ACL Reconstruction: Autograft Only vs. Hybrid Graft

*CPT Bryan G. Adams, MD, Madigan Army Medical Center*

272 - Increased Lower Extremity Injury Within 90 Days of Concussion in NBA

*CPT Erickson Andrews, MD, Henry Ford Hospital Detroit Michigan*

185 - PROMIS Depression and Anxiety Linked to Outcomes After Hip Arthroscopy

*CPT Kyle S. Ardavanis, MD, Madigan Army Medical Center*

197 - Arthroscopic Hip Surgery in a Military Population: Patient Reported Outcomes Improve Over the First Six Months

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

255 - Outcomes of Arthroscopic Shoulder Stabilization at the United States Naval Academy: 5-Year Follow-Up

*CPT Michael D. Bedrin II, MD, Walter Reed National Military Medical Center*

212 - Martial Arts Injuries - An Epidemiological Study of Patients Presenting to US Emergency Rooms

*Ryan J. Bickley, MD, Tripler Army Medical Center*

120 - Lower Socioeconomic Status Delays ACLR and Increases Meniscus Tear Rate

*Blake M. Bodendorfer, MD, Georgetown University Medical Center*

121 - Epidemiology of NFL Pectoralis Major Injuries Over 22 Seasons

*Blake M. Bodendorfer, MD, Georgetown University Medical Center*

122 - Performance of NFL Players Sustaining a Pectoralis Major Injury

*Blake M. Bodendorfer, MD, Georgetown University Medical Center*
44 - Outcomes of the Bone-Tendon-Autograft Anterior Cruciate Ligament Reconstruction: A Matched Cohort Analysis to Bone-Tendon-Bone Autograft
_CPT Christian Cruz, MD, Tripler Army Medical Center_

270 - Autograft vs. Allograft: The Evidence in Hip Labral Reconstruction and Augmentation
_Maj Travis J. Dekker, MD, Eglin Air Force Base_

211 - Reconstruction of Chronic Pectoralis Major Ruptures Using Grafts: A Systematic Review and Meta-Analysis of Results
_CPT Zackary A. Johnson, MD, Tripler Army Medical Center_

259 - Low Return to Active Duty After Hip Arthroscopy
_LTC Sean P. Kearney, MD, MPH, Dwight D. Eisenhower Army Medical Center_

78 - Prevalence of Hip Dysplasia in Patients With and Without Greater Trochanteric Pain Syndrome
_ENS Vaughn Land, Eastern Virginia Medical School_

80 - Does MRI Grade of Acromioclavicular Joint Arthritis Predict Physical Exam Findings and Surgeon Decision to Perform a Distal Clavicle Excision?
_ENS Vaughn Land, Eastern Virginia Medical School_

215 - Prevalence of Pathologic Posterior Tibial Slope in Revision ACL Reconstruction
_CPT Andrew J. Lopez, MD, Tripler Army Medical Center_

72 - Recurrent Instability after Latarjet is Not Influenced by Glenoid Track
_CPT Daniel L. Rodkey, MD, MBA, Walter Reed National Military Medical Center_

192 - Complete Acetabular Labral Reconstruction: Five-Year Patient Reported Outcomes
_CPT John P. Scanaliato, MD, William Beaumont Army Medical Center_

222 - Hip-Spine Relationship in Femoroacetabular Impingement: Does Hip Arthroscopy Affect Pelvic Mobility?
_LT Jessica R. Stambaugh, MD, Naval Medical Center San Diego_

158 - Minimizing Opioid Prescriptions via Multimodal Pain Management following Orthopaedic Sports Procedures
_LT J. Preston Van Buren, DO, Naval Medical Center San Diego_

214 - Return to Duty Rate Following Combined ACL/PLC Injury
_LT John M. Wyatt, MD, Naval Medical Center Portsmouth_

67 - Progression to Glenohumeral Arthritis after Arthroscopic Anterior Stabilization in a Young and High Demand Population
_CPT Bobby G. Yow, MD, Walter Reed National Military Medical Center_
145 - Progression to Glenohumeral Arthritis after Arthroscopic Posterior Stabilization in a Young and High Demand Population  
*CPT Bobby G. Yow, MD, Walter Reed National Military Medical Center*

150 - Glenohumeral Instability and Concomitant Rotator Cuff Injury: An Epidemiological and Case-Control Analysis in Military Cadets  
*CPT Liang Zhou, MD, MS, Tripler Army Medical Center*

**Session 13 - Total Knee**  
266 - Fibular Collateral Ligament Reconstruction Graft Options: Clinical and Radiographic Outcomes of Autograft vs. Allograft  
*Maj Travis J. Dekker, MD, Eglin Air Force Base*

235 - A Prospective Study to Investigate Longitudinal Changes in Clinical Outcomes after Injection with Microfragmented Adipose Tissue for Knee Osteoarthritis for Patients in the Orthopaedic Treatment Gap  
*LT Kelcey E. Dunaway, DO, Hughston Clinic*

159 - Functional Outcomes of Surgically-Managed Patellar Tendon Ruptures in Military Servicemembers  
*Nischal S. Nadig, DO, Dwight D. Eisenhower Army Medical Center*

146 - Oral Contraceptive Use Doubles the Risk for VTE after Knee Arthroscopy and ACL Reconstruction  
*Capt Sophia A. Traven, MD, Medical University of South Carolina*

**Session 14 - Trauma**  
274 - Hemiarthroplasty for Femoral Neck Fractures: Does Sub-Specialty Affect Perioperative Outcomes?  
*CPT Erickson Andrews, MD, Henry Ford Hospital Detroit Michigan*

230 - Return to Sport Following Closed Reduction of Posterior Sternoclavicular Dislocation  
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CPT Reuben A. Macias, MD, William Beaumont Army Medical Center

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Iain A. Rankin, MBChB MSc MRCS, Imperial College London

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