

# EXTREMITY WAR INJURIES XVII

Ready to face the threats of today and tomorrow

January 16-17, 2024  
Mayflower Hotel • Washington, DC



# EXTREMITY WAR INJURIES XVII SYMPOSIUM

**January 16-17, 2024**

**The Mayflower Hotel • Washington, DC**



**Symposium Co-Chairs:**

Lt Col Andrew J. Sheean, MD & Joseph R. Hsu, MD

**Scientific Director:**

LTC Daniel Song, MD

**Trauma Co-Chairs:**

David Teague, MD, COL Daniel J. Stinner, MD,  
& LCDR Michelle Gosselin, MD

**Sports/Readiness Co-Chairs:**

Asheesh Bedi, MD, Maj Travis Dekker, MD,  
& Kurt Spindler, MD

**Hand/Upper Extremity  
Co-Chairs:**

CAPT Scott M. Tintle, MD & Jennifer Wolf, MD

**Scientific Review Committee:**

LCDR Ashley B. Anderson, MD,  
LTC Joseph W. Galvin, DO, Maj Sarah N. Pierrie, MD,  
LTC Daniel Song, MD, & MAJ David J. Tennent, MD

This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of the American Academy of Orthopaedic Surgeons and the Society of Military Orthopaedic Surgeons. The American Academy of Orthopaedic Surgeons is accredited by the ACCME to provide continuing medical education for physicians. The American Academy of Orthopaedic Surgeons designates this live activity for approximately 12 AMA PRA Category 1 Credits.<sup>™</sup> Physicians should claim only the credit commensurate with the extent of their participation in the activity.



# Extremity War Injuries XVII

## SYMPOSIUM AGENDA

### Monday, January 15, 2024

9:00 am - 5:00 pm **Meetings (STaR)**  
3:00 pm - 5:30 pm **EWI Symposium Check In** (Foyer)

### Tuesday, January 16, 2024

6:30 am **EWI Symposium Check In** (Foyer)  
6:30 am – 7:00 am **Breakfast with Exhibitors**  
7:30 am – 7:35 am **Symposium Welcome**  
Lt Col Andrew J. Sheehan, MD and Joseph R. Hsu, MD  
7:35 am – 7:45 am **EWI 2024: Why Are We Here?**  
Lt Col Andrew J. Sheehan, MD  
*San Antonio Military Medical Center*  
7:45 am – 7:55 am **METRC Update**  
Robert V. O'Toole, MD  
*University of Maryland Medical Center*  
7:55 am – 8:05 am **ANCHOR Update**  
John C. Clohisy, MD  
*Washington University*  
8:05 am – 8:15 am **MOON Knee Update**  
Kurt Spindler, MD  
*Cleveland Clinic*  
8:15 am – 8:25 am **MOON Shoulder Update**  
Carolyn M. Hetterich, MD  
*North County Orthopedics*  
8:25 am - 8:30 am **Questions/Panel Discussion**  
8:30 am – 8:45 am **BREAK**  
**Session I: Orthobiologics Across the Spectrum of MSK Disease**  
Moderators: LCDR Ashley B. Anderson, MD and Lt Col Andrew J. Sheehan, MD  
8:45 am – 8:51 am **Orthobiologics in Trauma Surgery: Current Uses and Applications in Acute Interventions**  
Phillip Leucht, MD  
*NYU Langone*  
8:51 am – 8:57 am **Orthobiologics in Trauma Surgery: Strategies for Addressing Non-Unions**  
Christopher Lee, MD  
*University of California, Los Angeles*  
8:57 am – 9:03 am **Point of Care Blood Products: Is this the Future?**  
Adam Anz, MD  
*Andrews Institute for Orthopaedics and Sports Medicine*  
9:03 am – 9:09 am **Bone Marrow Aspirate: Current Indications in Sports Medicine and Future Uses**  
Don Buford, MD  
*Texas Orthobiologics Institute*  
9:09 am – 9:15 am **An Update from the Benchtop**  
Johnny Huard, PhD  
*Steadman Philippon Research Institute*  
9:15 am – 9:30 am **Questions/Panel Discussion**  
9:30 am – 9:45 am **BREAK**  
**Session II: Biomarkers Across Orthopaedics**  
Moderator: LCDR Michelle Gosselin and LCDR Ashley B. Anderson, MD  
9:45 am – 9:51 am **Utility of Biomarkers at Point of Injury**  
Michael P. Kelly, MD  
*Rady Children's Hospital, San Diego*

Samuel Adams, MD  
*Duke University*  
9:57 am – 10:03 am **Biomarkers in Nerve Injuries**  
David M. Brogan, MD, MSc  
*Washington University*  
10:03 am – 10:09 am **Biomarkers and Osteoporosis**  
CAPT Scott M. Tintle, MD  
*Walter Reed National Military Medical Center*  
10:09 am – 10:15 am **Questions/Panel Discussion**  
10:15 am – 10:30 am **BREAK**  
**Session III: Addressing Critical Bone Defects**  
Moderators: COL Kenneth Nelson, MD and CDR (sel) Christopher H. Renninger, MD  
10:30 am – 10:36 am **Fundamentals for Initial Evaluation and Management**  
MAJ Shawn E. Boomsma, DO  
*Ryder Trauma Center/Jackson Memorial Hospital*  
10:36 am – 10:42 am **Are there Limits to the Masquelet Technique?**  
COL Daniel J. Stinner, MD, PhD  
*Vanderbilt University*  
10:42 am – 10:48 am **Tips and Tricks of Distraction Osteogenesis**  
Geoffrey S. Marecek, MD  
*Cedars-Sinai Medical Center*  
10:48 am – 10:54 am **How to Address the Challenges of Articular Defects**  
Timothy S. Achor, MD  
*McGovern Medical School at UTHealth Houston*  
10:54 am – 11:15 am **Questions/Panel Discussion**  
**Session IV: The Conflict in Ukraine: Lessons Learned and Future Directions**  
Moderators: COL Daniel J. Stinner, MD and Joseph R. Hsu, MD  
11:15am – 11:55 am **Panel Discussion**  
COL (ret) James R. Ficke, MD  
*Johns Hopkins University*  
COL (ret) Roman A. Hayda, MD  
*Rhode Island Hospital*  
Michael Beltran, MD  
*University of Cincinnati*  
12:00 pm – 12:45 pm **Israeli Conflict Update with Lunch**  
(12:00 pm - 12:05 pm) **Overview of the Current Conflict**  
Shachar Shapira, MD, MHA, MA  
*Sheba General Hospital*  
(12:05 pm - 12:25 pm) **Complex Limb Injuries**  
Ido Tilbor, MD  
*Chaim Sheba Medical Center*  
(12:25 pm - 12:40 pm) **Complex Case Presentations**  
Leo BarOn, MD  
*Chaim Sheba Medical Center*  
(12:40 pm - 12:45 pm) **Future Research and Collaboration**  
Shachar Shapira, MD, MHA, MA  
*Sheba General Hospital*  
12:45 pm – 1:00 pm **Dessert in Exhibit Hall**

# Extremity War Injuries XVII

## SYMPOSIUM AGENDA

Tuesday, January 16, 2024

### Investigators Workshop Part 1: Hear from the Program Managers and Committee Chairs

Moderators: Kurt Spindler, MD and Lt Col Andrew J. Sheean, MD

1:00 pm - 1:05 pm	<b>CDMRP: Peer Reviewed Orthopaedic Research Program</b> Akua Roach, PhD <i>US Army Medical Research and Development Command</i>
1:05 pm - 1:10 pm	<b>National Institutes of Health: MSK/Orthopaedic Program</b> Charles Washabaugh, PhD <i>NIAMS, National Institutes of Health, DHHS</i>
1:10 pm - 1:15 pm	<b>Joint Warfighter Medical Readiness Program - Military Operational Medicine</b> Elizabeth Esposito-Russell, PhD <i>Military Operational Medicine Research Program</i>

1:15 pm - 1:20 pm

1:20 pm - 1:35 pm

1:35 pm - 1:40 pm

1:40 pm - 1:45 pm

1:45 pm - 1:50 pm

1:50 pm - 2:00 pm

2:00 pm - 2:20 pm

### Orthopaedic Research Foundation (OREF)

COL (ret) James R. Ficke, MD  
*Johns Hopkins University*

### Questions/Panel Discussion

### OTA Research: Current Efforts and Priorities

Saam Morshed, MD, PhD, MPH  
*University of California, San Francisco*

### ASSH Research: Current Efforts and Priorities

David Brogan, MD, MSc  
*Washington University*

### AOSSM Research: Current Efforts and Priorities

C. Benjamin Ma, MD  
*University of California, San Francisco*

### Questions/Panel Discussion

**BREAK**

### Track A: Degenerative Shoulder Conditions

Moderators: Maj Travis Dekker, MD and Jonathan F. Dickens, MD

2:20 pm - 2:26 pm	<b>Focal Chondral Lesions About the Shoulder</b> Lance E. LeClere, MD <i>Vanderbilt University</i>
2:26 pm - 2:32 pm	<b>Joint Preservation and CAM</b> Justin Arner, MD <i>University of Pittsburgh Medical Center</i>
2:32 pm - 2:38 pm	<b>Arthroplasty in the Young Patient</b> Stephen A. Parada, MD <i>Augusta University</i>
2:38 pm - 2:44 pm	<b>Scaffolds and Augments for Rotator Cuff Repair</b> Asheesh Bedi, MD <i>University of Michigan Health</i>
2:44 pm - 2:55 pm	<b>Questions/Panel Discussion</b>

### RESEARCH HIGHLIGHTS

3:00 pm - 3:05 pm	<b>A Randomized Trial Comparing Anti-Gravity Treadmill Therapy versus Standard of Care: It's Safe and Patients Like It</b> COL Daniel J. Stinner, MD, PhD <i>Vanderbilt University</i>
3:05 pm - 3:10 pm	<b>Psychosocial Factors Predict Return to Work Status after Lower Extremity Fracture</b> William M. Charlton, BS <i>University of Kentucky</i>
3:10 pm - 3:15 pm	<b>Resiliency Instability in Patients Undergoing Shoulder Surgery Utilizing the Brief Resiliency Score</b> CPT Emily McDermott, MD <i>San Antonio Military Medical Center</i>
3:15 pm - 3:20 pm	<b>Minimal Clinical Important Differences Not Uniform in Service Members after Shoulder Surgery</b> Capt Mikalyn T. DeFoor, MD <i>San Antonio Military Medical Center</i>
3:20 pm - 3:25 pm	<b>Type V Acromioclavicular Joint Dislocation Reduction Loss After Acute Fixation</b> LT Scott Feeley, MD <i>Walter Reed National Military Medical Center</i>
3:20 pm - 3:30 pm	<b>Questions</b>
3:30 pm - 3:40 pm	<b>BREAK</b>

### Track B: Distal Upper Extremity Trauma/Reconstruction

Moderator: CAPT Scott M. Tintle, MD

2:20 pm - 2:26 pm	<b>Scapholunate Reconstruction</b> LTC David Wilson, MD <i>Brooke Army Medical Center</i>
2:26 pm - 2:32 pm	<b>Scaphoid Non-union</b> James Higgins, MD <i>Medstar Union Memorial</i>
2:32 pm - 2:38 pm	<b>Metacarpal and Phalangeal Fractures - Is Intramedullary Fixation the Standard of Care?</b> Aviram M. Giladi, MD, MS <i>MedStar Union Memorial</i>
2:38 pm - 2:55 pm	<b>Questions/Panel Discussion</b>

### RESEARCH HIGHLIGHTS

3:00 pm - 3:05 pm	<b>SAVIT Risk Score Predicts Limb Salvage after Open Tibia Fractures</b> MAJ Jefferson Lansford, MD <i>Walter Reed National Military Medical Center</i>
3:05 pm - 3:10 pm	<b>Impact of Surgeon Experience on Major Complications After Ring Fixator Treatment of Severe Open Tibial Fractures</b> LT Conor F. McCarthy, MD <i>Walter Reed National Military Medical Center</i>
3:10 pm - 3:15 pm	<b>Management of Ballistic Metacarpal Fractures: A Retrospective Cohort Study</b> Jordan C. Serotte, MD <i>University of Chicago Medical Center</i>
3:15 pm - 3:20 pm	<b>Ultrasound Tele-guidance for Forward Deployed Traumas</b> ENS Eric M. Cal, BS <i>University of North Carolina at Chapel Hill School of Medicine</i>
3:20 pm - 3:30 pm	<b>Questions</b>
3:30 pm - 3:40 pm	<b>BREAK</b>

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## SYMPOSIUM AGENDA

Tuesday, January 16, 2022

### Session V: Topics in Advanced Reconstruction

Moderators: MAJ Shawn Boomsma, MD and CDR Louis Lewandowski, MD

- 3:40 pm - 3:46 pm **Orthoplastics: When to Do It Yourself and When to Call for Help**  
Jana M. Davis, MD  
*Penn State Health Center*
- 3:46 pm - 3:52 pm **What's New in Amputation Optimization?**  
COL (ret) B. Kyle Potter, MD  
*Walter Reed National Military Medical Center*
- 3:52 pm - 3:58 pm **Osseointegration in 2024 and Beyond**  
COL (ret) Joseph Alderete, MD  
*University of Texas Health, San Antonio*
- 3:58 pm - 4:04 pm **Hand Transplantation: Fact or Fiction?**  
David Leonard, MD, PhD, FRCS  
*Leeds Teaching Hospitals NHS Trust*
- 4:04 pm - 4:10 pm **Future Directions in Advanced Prosthetic Design and Use**  
Lee Childers, PhD  
*DoD/VA Extremity Trauma and Amputation Center of Excellence*
- 4:10 pm - 4:20 pm **Questions/Panel Discussion**
- 4:20 pm - 4:30 pm **BREAK**

### Breakout Sessions

4:30 pm - 5:15 pm

#### Breakout Group A: Antibiotic Coated Implants

Moderators: Joseph R. Hsu, MD and COL Daniel J. Stinner, MD, PhD

#### Breakout Group B: Strategies and Controversies Regarding the Management of Critical Bone Defects

Moderators: Timothy Achor, MD and LCDR Michelle Gosselin, MD

#### Breakout Group C: Orthobiologics - Where Do We Need to Go?

Moderators: CDR Robert Waltz, MD and MAJ Michael Donohue, MD

#### Breakout Group D: Post-Traumatic Osteoarthritis: Are We Making Progress?

Moderators: Lt Col Aaron Barrow, MD and Kurt Spindler, MD

#### Breakout Group Reports

#### Reception/Scientific Poster Session

#### EWI Faculty Dinner

5:20 pm - 5:50 pm

5:50 pm - 7:00 pm

7:30 pm

Wednesday, January 17, 2024

- 6:30 am **EWI Symposium Check In** (Foyer)
- 6:30 am - 7:00 am **Breakfast with Exhibitors**
- 7:30 am - 7:35 am **Welcome/Review of Day Two**

### Session VI: Bone Health and Stress Fractures

Moderators: CDR Louis Lewandowski, MD and LCDR Erica Crump, MD

- 7:35 am - 7:41 am **Stress Fractures in the Military: Burden of Disease and Readiness Threats**  
LCDR Ashley B. Anderson, MD  
*Fort Belvoir/Walter Reed National Military Medical Center*
- 7:41 am - 7:47 am **Bone Health: The Basics**  
Anna N. Miller, MD  
*Washington University School of Medicine*
- 7:47 am - 7:53 am **Therapeutics in Current Clinical Practice**  
CDR James H. Flint, MD  
*Naval Medical Center San Diego*
- 7:53 am - 7:59 am **Implementing a Bone Health Program: Lessons Learned**  
LCDR Benjamin W. Hoyt, MD  
*James A. Lovell FHCC*
- 7:59 am - 8:10 am **Questions/Panel Discussion**

### Investigators' Workshop Part 2: Hear from the Investigators

Moderators: Lt Col Andrew J. Sheean, MD and Kurt Spindler, MD

- 8:15 am - 8:21 am **A Primer on Machine Learning and Artificial Intelligence: What Do You Need to Know Right Now?**  
Mark P. Cote, PT, DPT, MS, CTR  
*Harvard University*

8:21 am - 8:27 am

#### How to Collaborate with a Scientist: Do's and Don'ts

Joseph C. Wenke, PhD  
*University of Texas Medical Branch Galveston*

8:27 am - 8:33 am

#### My Journey as a Military Clinical Scientist

Jonathan F. Dickens, MD  
*Duke University*

8:33 am - 8:39 am

#### MOTION Update

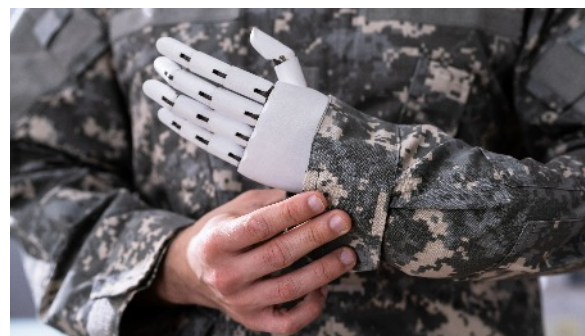
Matthew Bradley, MPH  
*The Geneva Foundation*

8:39 am - 8:50 am

#### Questions/Panel Discussion

8:50 am - 9:10 am

#### BREAK



# Extremity War Injuries XVII

## SYMPOSIUM AGENDA

Wednesday, January 17, 2024

### Track A: Distal Upper Extremity Trauma/Reconstruction

Moderator: Maj Casey Sabbag, MD

- 9:10 am – 9:16 am **Ballistic Injuries of the Upper Extremity**  
Jeffrey G. Stepan, MD, MSc  
*University of Chicago*
- 9:16 am – 9:22 am **Cubital Tunnel Syndrome Advances in Diagnostics**  
Daniel A. Osei, MD, MSc  
*Hospital for Special Surgery*
- 9:22 am – 9:28 am **Carpal Tunnel Syndrome Advances in Diagnostics**  
John Fowler, MD  
*University of Pittsburgh*
- 9:28 am – 9:34 am **Elbow Instability Advances**  
Maj Casey Sabbag, MD  
*Brooke Army Medical Center*
- 9:34 am – 9:40 am **Advances in Distal Radius Fractures**  
Tamara D. Rozentel MD  
*Beth Israel Deaconess Medical Center*
- 9:40 am - 9:50 am **Questions/Panel Discussion**
- RESEARCH HIGHLIGHTS**
- 9:55 am – 10:00 am **Porcine Whole Joint Biomechanics after Bioprinted Meniscus Repair**  
ENS Andrew F. Nelson, BS  
*Uniformed Services University of the Health Sciences*
- 10:00 am – 10:05 am **Physiological Production of Specialized Pro-resolving Mediators Does Not Prevent Posttraumatic Osteoarthritis after Anterior Cruciate Ligament Transection**  
Chilan Bou Ghosson Leite, MD  
*Brigham and Women's Hospital*
- 10:05 am – 10:10 am **Do 2-Year Radiographs Predict Pain 6 Years after ACL Reconstruction?**  
Morgan H. Jones, MD, MPH  
*Brigham and Women's Hospital*
- 10:10 am – 10:15 am **Transcriptomics of Anterior Shoulder Instability: Differences in Gene Expression in the Blood of Patients with and without Significant Glenoid Bone Loss**  
Zachary Colburn, PhD, MBA, MS  
*Madigan Army Medical Center*
- 10:15 am - 10:20 am **Hip-Spine Relationship in Femoroacetabular Impingement: Does Arthroplasty Affect Pelvic Mobility?**  
CDR Brian Barlow, MD  
*Naval Medical Center San Diego*
- 10:20 am - 10:35 am **Questions/Panel Discussion**
- 10:35 am - 11:00 am **BREAK**

### Track B: Infection in Musculoskeletal Trauma

Moderators: CDR (sel) Christopher H. Renniger, MD and Maj R. Bradley Kessler, MD

- 9:10 am – 9:16 am **What's On the Horizon?**  
COL Daniel J. Stinner, MD, PhD  
*Vanderbilt University*
- 9:16 am – 9:22 am **Fundamentals of Diagnosis**  
Mark R. Brinker, MD  
*Texas Orthopedic Hospital*
- 9:22 am – 9:28 am **Utility of Topical Antibiotics**  
Robert V. O'Toole, MD  
*University of Maryland Medical Center*
- 9:28 am – 9:34 am **Antibiotic Coated Implants**  
Rahul Vaidya, MD  
*Wayne State University*
- 9:34 am – 9:50 am **Questions/Panel Discussion**
- RESEARCH HIGHLIGHTS**
- 9:55 am – 10:00 am **The VANCO Trial Findings Are Generalizable to a North American Trauma Registry**  
Joseph T. Patterson, MD  
*Keck Medicine of the University of Southern California*
- 10:00 am – 10:05 am **Microorganisms and Infection Epidemiology after Gunshot Orthopaedic Trauma**  
Vikranth Mirle, BS  
*The University of Chicago*
- 10:05 am – 10:10 am **Evaluating the Impact of Nutrition Deficiencies on Body Composition and Complication Rates after High-Energy Musculoskeletal Trauma**  
John Davison, MPH  
*University of Iowa Hospitals*
- 10:10am - 10:35 am **Questions/Panel Discussion**
- 10:35 am - 11:00 am **BREAK**



# Extremity War Injuries XVII

## SYMPOSIUM AGENDA

Wednesday, January 17, 2024

### Track A: Skills Sustainment

Moderators: COL Kenneth Nelson, MD and MAJ Archie Overmann, MD

- 11:00 am – 11:10 am **Experience at a Military Level 1 Trauma Center**  
Maj R. Bradley Kessler, MD  
*San Antonio Military Medical Center*
- 11:10 am – 11:20 am **Military-Civilian Partnerships: Utilizing Local Resources**  
James A. Blair, MD  
*Emory University/Grady Memorial Hospital*
- 11:20 am – 11:30 am **Lessons Learned from Transitioning an MTF to a Civilian Trauma Center**  
CDR Louis R. Lewandowski, MD  
*Naval Medical Center Camp Lejeune*
- 11:30 am – 11:40 am **MAST Update**  
LTC Kelly Kilcoyne, MD  
*Walter Reed National Military Medical Center*
- 11:40 am - 11:55 am **Discussion**

11:55 am – 12:25 pm **Lunch/Industry Update**  
\*CME Credit Not Available

12:25 pm – 12:45 pm **Dessert in Exhibit Hall**

### Session VII: Post Traumatic Osteoarthritis and the Knee

Moderators: MAJ Michael Donohue, MD and Jonathan F. Dickens, MD

- 12:45 pm – 12:51 pm **Pathogenesis of PTOA: What Do We Know in 2024?**  
Christian Latterman, MD  
*Brigham and Women's Hospital*
- 12:51 pm – 12:57 pm **Cartilage Restoration in 2024 and Beyond**  
Drew Lansdown, MD  
*University of California, San Francisco*
- 12:57 pm – 1:03 pm **Optimizing Biologics by Biorepository Analysis**  
Jason Drago, MD  
*University of Colorado*
- 1:03 pm – 1:09pm **Osteochondral Allografts: Optimizing Clinical Outcomes**  
Clayton Nuelle, MD  
*University of Missouri*
- 1:09pm – 1:15 pm **Patient Specific Osteotomies About the Knee**  
Maj Travis Dekker, MD  
*United States Air Force Academy*
- 1:15 pm - 1:25 pm **Questions/Panel Discussion**

### Session VIII: Ligamentous Knee Injuries

Moderators: Lt Col Andrew J. Sheehan, MD and Clayton, Nuelle, MD

- 1:30 pm – 1:36 pm **STaR Trial: What We've Learned So Far**  
Jay Irrgang, PT, PhD  
*University of Pittsburgh*

### Track B: Shoulder Instability

Moderators: Maj Travis Dekker, MD and Justin Arner, MD

- 11:00 am – 11:06 am **Current Refinements to the Glenoid Track Paradigm**  
Albert Lin, MD  
*University of Pittsburgh Medical Center*
- 11:06 am – 11:12 am **Criteria-Based Return to Duty/Play Decision Making**  
Dean C. Taylor, MD  
*Duke University*
- 11:12 am – 11:18 am **Remplissage: Indications and Limitations**  
Brian R. Waterman, MD  
*Wake Forest University*
- 11:18 am – 11:24 am **Posterior Instability: How Can We Get Better?**  
Lt Col Andrew J. Sheehan, MD  
*San Antonio Military Medical Center*
- 11:24 am – 11:30 am **Bone Grafting in 2024: Current Indications and Limitations**  
Matthew T. Provencher, MD  
*The Steadman Clinic*
- 11:30 am - 11:55 am **Discussion**
- 1:36 pm – 1:42 pm **STABILITY Trial: Maximizing Success of ACL Reconstruction**  
Bryson P. Lesniak, MD  
*University of Pittsburgh*
- 1:42 pm – 1:48 pm **Strategies for Addressing Rotatory Knee Instability**  
Bruce A. Levy, MD  
*Orlando Health Medical Group*
- 1:48 pm – 1:54 pm **ACL Repair: When to Do It and How to Do It**  
Joseph J. Ruzbarsky, MD  
*The Steadman Clinic*
- 1:54 pm – 2:05 pm **Questions/Panel Discussion**
- 2:05 pm – 2:20 pm **Closing Comments and Adjourn**



# Extremity War Injuries XVII

## SYMPOSIUM AGENDA

### Posters

Poster 01	<b>Infection Rate and Antibiotic Administration for Urban Gunshot Wounds</b> Hayden P. Baker, MD <i>The University of Chicago</i>	Poster 07	<b>Resilience Inconclusively Affects Clinical Outcomes after Arthroscopy: A Systemic Review</b> Capt Mikalyn T. DeFoor, MD <i>San Antonio Military Medical Center</i>
Poster 02	<b>Predicting Motor Deficit in Civilian Ballistic Spine Fractures</b> Jordan C. Serotte, MD <i>University of Chicago Medical Center</i>	Poster 08	<b>Optimization of a Novel Tissue Preservation System for Point-of-Care Storage of Nerve Allografts</b> Bryce T. Fletcher, BS <i>University of Missouri-Columbia</i>
Poster 03	<b>Return to Duty after High Tibial Osteotomy: A Radiographic Analysis</b> LT Scott Feeley, MD <i>Walter Reed National Military Medical Center</i>	Poster 09	<b>Management of ACL Injuries: Comparing ChatGPT Recommendations with AAOS Clinical Practice Guidelines</b> Jamie Frost <i>Icahn School of Medicine at Mount Sinai</i>
Poster 04	<b>Revolutionizing Acute Compartment Syndrome Management: Role of Continuous Pressure Monitoring</b> Edward Harvey, HBSc, MDCM, MSc, FRCSC <i>McGill University</i>	Poster 10	<b>Hyaluronic Acid Stabilizes Therapeutic Mechanically-Activated Microcapsules for Field Deployment</b> 1stLt Austin C. Jenk, BS <i>University of Pennsylvania</i>
Poster 05	<b>Imaging and Machine Learning Tool for Post-Fracture Animal Model Pain</b> Chelsea Bahney, PhD <i>University of California, San Francisco</i>	Poster 11	<b>Nonunion &amp; Complication Rates in Ballistic vs. Blunt Petrochanteric Femur Fractures</b> Jordan C. Serotte, MD <i>University of Chicago Medical Center</i>
Poster 06	<b>Socioeconomic Status is not a Predictor of Bony Complication in Nonoperatively Managed Mid-Shaft Clavicle Fractures</b> Lauren Simonian, BS <i>University of Pittsburgh School of Medicine</i>	Poster 12	<b>Decreased Failure after Military Shoulder Stabilization Procedures with Suture Tape</b> LT Scott Feeley, MD <i>Walter Reed National Military Medical Center</i>

### Exhibitors & Grantors

Acumed  
Arthrex Inc - *Grantor*  
Field Orthopaedics  
OXOS Medical  
Spartan Medical  
Vericel Corporation  
Zimmer Biomet - *Grantor*