



Extremity War Injuries XIV

Emerging Combat and Readiness Research

January 22-23, 2019

Washington, DC

Symposium Co-Chairs: LTC Jonathan F. Dickens, MD and Robert V. O’Toole, MD

Scientific Director: CDR Scott Tintle, MD

EWI Oversight Chair: Andrew Schmidt, MD

SYMPOSIUM AGENDA DRAFT

January 21, 2019		
9:00 – 5:00 PM	METRC Meeting Ortho/Trauma	TBD
9:00 – 5:00 PM	METRC Meeting Rehab	TBD
9:00 – 5:00 PM	STaR Meeting	TBD
5:00 – 7:00 PM	EWI Symposium Check In	TBD
7:00 – 8:30 PM	EWI Symposium Faculty Dinner Meeting (<i>Symposium Faculty Only</i>)	TBD

January 22, 2019		
6:15 AM	EWI Symposium Check In	TBD
6:15 – 7:00 AM	Coffee	TBD
7:00 – 7:05 AM	Symposium Welcome Robert O’Toole, MD <i>University of Maryland</i>	General Session Room TBD
7:05 – 7:15 AM	EWI 2019: Why Are We Here and Meeting Goals LTC Jonathan F. Dickens, MD <i>Walter Reed National Military Medical Center</i>	
7:15 – 7:25 AM	Past , Present and Future of EWI Jim Ficke, MD <i>Johns Hopkins University</i>	
7:25 – 7:35 AM	Current Funding Status: How it works and how to succeed Andrew Pollak, MD <i>University of Maryland</i>	
7:35-7:50 AM	Discussion	

7:50 – 8:20 AM	Breakfast/Industry Update <i>*CME Not Available</i>	
General Session I: Research Gaps and Funding Priorities Moderators: Ellen McKenzie MD and Scott Wagner, MD		
8:20 – 8:30 AM	Gaps and Priorities in Clinical and Rehabilitative Medicine COL Ann Nayback-Beebe, FNP, Ph.D. <i>US Army Medical Research and Materiel Command</i>	General Session Room TBD
8:30 – 8:40 AM	Gaps and Priorities in Combat Casualty Care COL Michael Davis, MD <i>US Army Medical Research and Materiel Command</i>	
8:40 – 8:50 AM	Gaps and Priorities in Military Operational Medicine CDR Chris Steele <i>US Army Medical Research and Materiel Command</i>	
8:50 – 9:05 AM	Discussion <i>Session I Speakers</i>	
9:05-9:45 AM	Break	
9:45 – 10:10 AM	KEYNOTE SPEAKER DoD Research Priorities Terry Rauch, PhD <i>Acting Deputy Assistant Secretary of Defense for Health Readiness Policy and Oversight</i>	
10:10-10:20 AM	Discussion	
General Session II: Collaborative Stakeholders in Combat and Readiness Research Moderators: Robert V. O’Toole MD and Dan Stinner MD		
10:20 – 10:30 AM	METRC: Where We’ve Been, What’s on the Horizon Mike Bosse MD <i>Carolinas Medical Center</i>	General Session Room TBD
10:30 – 10:40 AM	Extremity Amputation Center of Excellence John Shero, MHA, FACHE <i>Extremity Amputation Center of Excellence</i>	
10:40 – 10:50 AM	Institute of Surgical Research: Translational Readiness for the Wounded Warrior Josh Wenke PhD <i>San Antonio Military Medical Center Institute of Surgical Research</i>	
10:50 – 11:00 AM	Consortium for Health and Military Performance Patricia Deuster, Ph.D. <i>Uniformed Services University of the Health Science</i>	
11:00 – 11:10 AM	MOTION- Addressing Readiness through Outcomes LTC Jonathan F. Dickens, MD <i>Walter Reed National Military Medicine</i>	

11:10 – 11:20 AM	Knowledge Skills Abilities Eric Elster, MD <i>USU-Walter Reed National Military Medical Center</i>	
11:20 – 11:30 AM	Questions and Answers <i>Session I Speakers</i>	
General Session III: DoD New DoD Research Priorities Moderators:		
11:30-11:40 AM	Prolonged Field Care: What is it? Todd Rasmussen, MD <i>Uniformed Services University</i>	
11:40-11:50 AM	Defining Readiness in the Military Paul Pasquina, MD <i>Walter Reed National Military Medical Center</i>	
11:50-12:05 PM	Discussion	
12:05-12:10 PM	Overview of EWI Tracks and Small Group Breakouts Scott Tintle, MD <i>Walter Reed National Military Medical Center</i>	
12:10 – 1:15 PM	LUNCH/INDUSTRY UPDATE <i>* CME Credit Not Available</i>	
General Session IV: Regenerative Medicine Moderators: John M. Tokish MD and Leon Nesti, MD		
1:15-1:25 PM	Shaping the Delivery of Regenerative Medicine Products for Military Applications Leon Nesti, MD, PhD <i>Walter Reed National Military Medical Center</i>	
1:25-1:35 PM	4 Dimensional Bioprinting: The Future is Now Vince Ho, MD <i>Walter Reed National Military Medical Center</i>	
1:35-1:45 PM	What Is On The Horizon With Orthobiologics? John M. Tokish, MD <i>Mayo Clinic</i>	
1:45-1:55 PM	Can We Predict PTOA: Imaging and Biomarker Applications Connie Chu, MD <i>Stanford University</i>	
1:55-2:05 PM	Biologic Options to Mitigate Post Traumatic Osteoarthritis Johnnie Huard, PhD <i>The University of Texas Health Science Center at Houston Steadman Phillipon Research Institute</i>	
2:05-2:20 PM	Discussion	
2:20-2:30 PM	Transition	
Track A: Trauma Moderator: Ellen Mckenzie, PhD and Chris Lebrun, MD <i>Room Name TBD</i>		Track B: Readiness and Return to Duty Moderator: Connie Chu, MD and Jean Patzkowski, MD <i>Room Name TBD</i>
Disaster Preparedness		PTOA and Biologics

2:30– 2:40PM	Maintaining Readiness on the Homefront David Teague, MD <i>University of Oklahoma College of Medicine</i>	2:30– 2:40PM	ACL Tears and OA: More than Instability Robert Brophy, MD <i>Washington University in St. Louis</i>
2:40– 2:50PM	National Trauma Research Action Plan (NTRAP) What is it? Eileen Bulger <i>Harborview Medical Center</i>	2:40– 2:50PM	Early Intervention after Trauma: The Role of Biologics Al Getgood, MD <i>Western University</i>
2:50 – 3:00PM	Opportunities in Military and Civilian Trauma Collaboration Dan Stinner, MD <i>Fort Campbell, KY</i>	2:50 – 3:00PM	Preventing and Treating PTOA in the Wounded Warrior and Athlete Ken Cameron, PhD <i>United States Military Academy</i>
3:00– 3:10PM	<i>Discussion</i>	3:00– 3:10PM	<i>Discussion</i>
Research Highlights		Research Highlights	
3:10- 3:15PM	Abstract Name <i>Institution</i>	3:10- 3:15PM	Abstract Name <i>Institution</i>
3:15 – 3:20PM	Abstract Name <i>Institution</i>	3:15 – 3:20PM	Abstract Name <i>Institution</i>
3:20 – 3:25PM	Abstract Name <i>Institution</i>	3:20 – 3:25PM	Abstract Name <i>Institution</i>
3:25– 3:30PM	<i>Discussion</i>	3:25– 3:30PM	<i>Discussion</i>

3:25 – 3:45PM	BREAK	General Session Room TBD
Breakout Sessions		Room TBD
3:45 – 5:00 PM	Breakout Group 1: Acute Compartment Syndrome and Open Fractures in the Prolonged Field Care Environment Moderators: Jean Claude D’Alleyrand, MD / Robert V. O’Toole MD	Room TBD
	Breakout Group 2: Biologics and Post Traumatic Osteoarthritis: Early Interventions to Mitigate Long Term Sequelae Moderators: John M. Tokish, MD / TBD	Room TBD
	Breakout Group 3: Alternatives to Opioids in Orthopaedics Moderators: Thomas Higgins, MD and Mike Patzkowski, MD	Room TBD

	Breakout Group 4: Strategic Opportunities for Military and Civilian Collaboration Moderators: Jim Ficke, MD/ Mel Helgeson, MD/ Dan Stinner, MD	Room TBD
5:00 – 5:20 PM	Breakout Group Reports (5 minutes per group)	General Session Room TBD
5:20 – 5:30 PM	Questions and Answers	Room TBD -
5:30 – 6:00 PM	BREAK	Room TBD
6:00 – 7:00 PM	Reception/ Scientific Poster Session	Room TBD

January 23, 2019			
7:00 – 7:05AM	Welcome / Review of Day Two Scott Tintle, MD <i>Walter Reed National Military Medical Center</i>	TBD	
7:05- 7:35AM	KEYNOTE SPEAKER Name: VADM Raquel C. Bono, MD <i>Director, Defense Health Agency</i>	General Session Room TBD	
7:35- 7:45AM	<i>Discussion</i>		
7:45– 8:15 AM	BREAKFAST/INDUSTRY UPDATE <i>* CME Credit Not Available</i>		
8:15 – 8:25 AM	<i>Transition Time</i>		
Track A: Trauma Management Moderator: Jean Claude D’Alleyrand, MD and Robert V. O’Toole, MD <i>Room Name TBD</i>		Track B: Readiness and Return to Duty Moderator: John M. Tokish, MD and Brett Freedman, MD	
	Major Trauma	Readiness Injuries to the Tactical Athlete	
8:25 – 8:35 AM	Acute Compartment Syndrome: Lessons Learned from PACS Andrew Schmidt, MD <i>University of Minnesota</i>	8:25 – 8:35 AM	Transforming Care for the Soldier Athlete: What is Possible? John Tokish, MD <i>Mayo Clinic</i>
8:35 – 8:45 AM	Critical Issues Managing Orthopaedic Trauma Infection Robert V. O’Toole, MD <i>University of Maryland Shock Trauma</i>	8:35 – 8:45 AM	Anterior Shoulder Instability in the Military: Where do we go next? Brett Owens, MD <i>Brown Alpert School of Medicine</i>
8:45 – 8:55 AM	Lower Extremity Amputation: Where Are we in 2019? Benjamin K. Potter, MD <i>Walter Reed National Military Medical Center</i>	8:45 – 8:55 AM	Critical Issues in the Foot/Ankle for the Tactical Athlete Ned Amendola, MD <i>Duke University</i>

8:55 – 9:05 AM	Upper Extremity Amputation and Replantation and Challenges Scott Levin, MD <i>University of Pennsylvania</i>	8:55 – 9:05 AM	Low Back Pain in the Military Brett Feedman, MD <i>Mayo Clinic</i>
9:05 – 9:15 AM	Osteointegration Jonathan Forsberg, MD <i>Walter Reed National Military Medical Center</i>	9:05 – 9:15 AM	Femoral Acetabular Impingement: Barriers to Return to Sport and Duty Asheesh Bedi, MD <i>University of Michigan</i>
9:15 – 9:30 AM	Amputee Nerve Management Scott Tintle, MD <i>Walter Reed National Military Medical Ctr</i>	9:15 – 9:30 AM	<i>Questions and Answers</i>
Research Highlights		Research Highlights	
9:30 – 9:35 AM	Abstract Name <i>Institution</i>	9:30 – 9:35 AM	Abstract Name <i>Institution</i>
9:35 – 9:40 AM	Abstract Name <i>Institution</i>	9:35 – 9:40 AM	Abstract Name <i>Institution</i>
9:40-9:45 AM	Abstract Name <i>Institution</i>	9:40-9:45 AM	Abstract Name <i>Institution</i>
9:45-9:50 AM	Abstract Name <i>Institution</i>	9:45-9:50 AM	Abstract Name <i>Institution</i>
9:50-10:00 AM	<i>Questions and Answers</i>	9:50-10:00 AM	<i>Questions and Answers</i>
10:00–10:30 AM	Break		
Track A: Trauma Management Moderator: Dave Ring MD and Gerard Slobogen, MD <i>Room Name TBD</i>		Track B: Readiness and Return to Duty Moderator: Kurt Spindler, MD and Lance LeClere, MD <i>Room Name TBD</i>	
	Pain Management		Accelerating RTD
10:30-10:40AM	Current Evidence for Reducing Opioid Use in Orthopaedics Thomas Higgins, MD <i>University of Utah</i>	10:30-10:40AM	STaR Trial and Lessons Learned in Multi-Ligamentous Knee Injuries James Irrgang, PhD <i>University of Pittsburgh</i>
10:40-10:50AM	Pain Management and Opioid Use in the DoD Mike Patzkowski, MD <i>San Antonio Medical Center</i>	10:40-10:50AM	Military Specific Aspects of RTD For the Tactical Athlete Matthew Provencher, MD <i>The Steadman Hawkins Clinic</i>
10:50-11:00AM	Strategies to Identify and Prevent Poor Outcomes in Orthopaedic Trauma Steve Wegner, PhD <i>Johns Hopkins University</i>	10:50-11:00AM	ACL Reconstruction and Return to Sport: Where are we in 2019? Volker Mushal, MD <i>University of Pittsburgh</i>
11:00-11:10AM	Cognitive and Emotional Aspects of Trauma Rehabilitation David Ring, MD	11:00-11:10AM	Traumatic Brain Injury and Implications for MSK injury Steve Svoboda, MD

	<i>University of Texas at Austin</i>		<i>Medstar Sports Medicine</i>
11:10-11:20AM	Questions and Answers	11:10-11:20AM	Questions and Answers
11:20 AM–12:20 PM	LUNCH/INDUSTRY UPDATE * <i>CME Credit Not Available</i>		
General Session IV: Outcomes Moderators: RADM Bruce Gillingham, MD and Matt Provencher, MD			
12:20 – 12:30 PM	The Future of Outcomes and Implications in the DoD Kurt Spindler, MD <i>The Cleveland Clinic</i>	General Session Room TBD	
12:30 – 12:40 PM	Patient Centered Outcomes Research for the Wounded Warrior Gerard Slobogean, MD <i>University of Maryland Shock Trauma Institution</i>		
12:40-12:50 PM	Predicting RTD: How Outcomes are Changing the Military Paradigm of Care Dan Rhon, PhD <i>Institution</i>		
12:50-1:00 PM	The Resiliency Factor BG (Ret) Rhonda Cornum, MD		
1:00 – 1:15 PM	Questions and Answers		
General Session V: Rehabilitation and RTD Moderators: Gerard Slobogean, MD			
1:15 – 1:25 PM	Gaps in Post-traumatic Rehabilitation in the Military Jason Wilken, PhD, PT <i>University of Iowa</i>	General Session Room TBD	
1:25 – 1:35 PM	Blood Flow Restrictive Therapy: where are we in 2019? Johnny Owens <i>Institution</i>		
1:35 – 1:45 PM	Patient Centered Rehabilitation and Barriers to Optimal Outcomes: The Military Experience Joe Hsu, MD <i>Carolina Medical Center</i>		
1:45 – 1:55 PM	Advanced Team Physician Care and Sports Performance: Applications for the Wounded Warrior Neal ElAttrache, MD <i>Kerlan Jobe Clinic</i>		
1:55 – 2:10 PM	Questions and Answers		
2:10 – 2:30 PM	<i>Transition Time</i>		
Breakout Sessions			
2:30 – 3:30PM	Breakout Group 5: Amputation, Nerve Injury, and Replantation Moderators: Scott Tintle, MD and TBD	Room TBD	

	Breakout Group 6: Leveraging Big Data and Outcomes Moderators: Kurt Spindler, MD and Brett Freedman, MD	Room TBD
	Breakout Group 7: Barriers for Immediate Return to Duty After Joint/Soft Tissue Injury and Extremity Trauma Moderators: Joe Hsu, MD / Johnny Owens, MD	Room TBD
3:30 – 3:45 PM	Breakout Group Reports (5 minutes per group)	General Session Room TBD
3:45 – 4:00 PM	Questions and Answers	
4:00 – 4:15 PM	Next Steps	
4:15 PM	ADJOURN	