



AMERICAN ACADEMY OF ORTHOPAEDIC SURGEONS

AMERICAN ACADEMY OF ORTHOPAEDIC SURGEONS
ORTHOPAEDIC TRAUMA ASSOCIATION
SOCIETY OF MILITARY ORTHOPAEDIC SURGEONS



EXTREMITY WAR INJURIES III: CHALLENGES IN DEFINITIVE RECONSTRUCTION

JANUARY 23-24, 2008

SYMPOSIUM CO-CHAIRS: COL JAMES R. FICKE, MD, AND ANDREW N. POLLAK, MD

MANDARIN ORIENTAL HOTEL / 1330 MARYLAND AVENUE, S.W. / WASHINGTON, D.C. 20024

S Y M P O S I U M A G E N D A

WEDNESDAY, JANUARY 23, 2008

AAOS OFFICE HOURS: 11:00 AM– 7:00 PM (PORTRAIT ROOM)

11:00 AM	Industry Exhibit Set Up <i>Industry Reps: Please check in with the AAOS Office (Portrait Room) for instructions and table location.</i>	Mandarin Oriental Hotel Oriental Ballroom Foyer
12:00 – 3:00 PM	Faculty / Attendee Check-In <i>Faculty may load their PowerPoint presentations at this time.</i>	Mandarin Oriental Hotel Portrait Room

PROGRAM OVERVIEW / OPENING COMMENTS

SYMPOSIUM CO-CHAIRS : COL JAMES R. FICKE, MD, AND ANDREW N. POLLAK, MD

3:00 – 3:10 PM	Program Overview <i>COL James R. Ficke, MD – Brooke Army Medical Center</i> <i>Andrew N. Pollak, MD – University of Maryland / Shock Trauma Center</i>	Mandarin Oriental Hotel Oriental Ballroom B/C
3:10 – 3:30 PM	Keynote Presentation / Opening Comments Introduction: <i>Stuart Weinstein, MD – University of Iowa</i> Keynote Speaker: <i>U.S. Senator Tom Harkin (IA)</i>	

SESSION I: SOFT TISSUE DEFECTS

MODERATORS: MARK R. BAGG, MD, COL (RET.) AND L. SCOTT LEVIN, MD

3:30 – 3:35 PM	Session Introductions <i>Mark R. Bagg, MD, COL (Ret.) – Hand Center of San Antonio</i> <i>L. Scott Levin, MD – Duke University Medical Center</i>	Mandarin Oriental Hotel Oriental Ballroom B/C
3:35 – 3:50 PM	1) Negative Pressure Wound Therapy: Use in Flight <i>COL Mark W. Richardson, MD</i> <i>Wilford Hall Medical Center</i>	
3:50 – 4:05 PM	2) Free Tissue Transfer <i>Randy Sherman, MD</i> <i>University of Southern California School of Medicine</i>	
4:05 – 4:20 PM	3) Vascular Grafting <i>L. Scott Levin, MD</i> <i>Duke University Medical Center</i>	
4:20 – 4:35 PM	4) Regenerative Medicine <i>Regis O'Keefe, MD, PhD</i> <i>University of Rochester</i>	

4:35 – 4:50 PM	5) Targeted Re-Innervation <i>Robert J. Spinner, MD</i> <i>Mayo Clinic, Rochester</i>	Mandarin Oriental Hotel Oriental Ballroom B/C
4:50 – 5:10 PM	Session I Questions and Answers	
SESSION II: RESEARCH UPDATES AND FUNDING CHALLENGES		
SESSION MODERATORS: COL JAMES R. FICKE, MD, AND ANDREW N. POLLAK, MD		
5:10 – 5:15 PM	Session Introductions <i>COL James R. Ficke, MD – Brooke Army Medical Center</i> <i>Andrew N. Pollak, MD – University of Maryland / Shock Trauma Center</i>	Mandarin Oriental Hotel Oriental Ballroom B/C
5:20 – 5:30 PM 5:30 – 5:40 PM	6) AAOS/OTA Visiting Scholars Program: A) Program Overview: <i>COL Roman Hayda, MD</i> <i>Brooke Army Medical Center</i> B) Program Experiences: <i>Marc Swiontkowski, MD</i> <i>University of Minnesota Medical School</i>	
5:40 – 5:50 PM	7) MOTR / METALS Study Updates <i>COL William Doukas, MD</i> <i>Walter Reed National Military Medical Center</i>	
5:50 – 6:00 PM	8) Updates and New Challenges in Theatre: AFTH <i>LTC James Keeney, MD</i> <i>Wilford Hall Medical Center</i>	
6:00 – 6:10 PM	9) Updates and New Challenges in Theatre: CSH <i>COL Paul Cutting, MD</i> <i>Dwight D. Eisenhower Army Medical Center</i>	
6:10 – 6:15 PM	10) The Defense Appropriations Budget Review for FY 2008 and Outlook for FY 2009 <i>(Tentative Presentation)</i>	
6:15 – 6:30 PM	11) OTRP Updates and Projects <i>Joseph Wenke, PhD</i> <i>U.S. Army Institute of Surgical Research</i>	
6:30 – 6:35 PM	Guest Speaker Introduction: <i>Andrew N. Pollak, MD</i> Speaker: <i>Rep. C. W. Bill Young (FL)</i>	
6:35 – 6:45 PM	Keynote Presentation Introduction: <i>COL James R. Ficke, MD</i> Keynote Speaker: <i>ADM Michael Mullen, Chairman, Joint Chiefs of Staff</i>	
6:45 – 7:00 PM	Session II Questions and Answers	
7:00 – 8:30 PM	Dinner Reception Invited Guests: <i>David S.C. Chu, PhD; Rep. Tom Latham; Stephen I. Katz, MD, PhD; Rep. Dutch Ruppersberger; Rep. Tim Walz; Rep. C.W. Bill Young</i>	

THURSDAY, JANUARY 24, 2008

AAOS OFFICE HOURS: 6:15 AM – 4:30 PM (PORTRAIT ROOM)

6:30 – 7:00 AM	Continental Breakfast	
SESSION III: SEGMENTAL BONE DEFECTS		
MODERATORS: CDR MICHAEL T. MAZUREK, MD, AND J. TRACY WATSON, MD		
7:00 – 7:05 AM	Morning Welcome / Call to Order <i>COL James R. Ficke, MD – Brooke Army Medical Center</i> <i>Andrew N. Pollak, MD – University of Maryland / Shock Trauma Center</i>	Mandarin Oriental Hotel Oriental Ballroom B/C
7:05 – 7:10 AM	Session Introductions <i>CDR Michael T. Mazurek, MD – Naval Medical Center San Diego</i> <i>J. Tracy Watson, MD – Saint Louis University</i>	

7:10 – 7:25 AM	12) Overview of Segmental Bone Defects <i>MAJ Joseph Hsu, MD</i> <i>US Army Institute of Surgical Research</i>	Mandarin Oriental Hotel Oriental Ballroom B/C
7:25 – 7:40 AM	13) Vascularized Bone Graft <i>L. Scott Levin, MD</i> <i>Duke University Medical Center</i>	
7:40 – 7:55 AM	14) Titanium Mesh Cage Reconstruction of Critical Size Bone Defects <i>Ronald W. Lindsey, MD</i> <i>University of Texas</i>	
7:55 – 8:10 AM	15) Use of Recombinant Proteins in Grafting Segmental Defects (Clinical) <i>Marcus F. Sciadini, MD</i> <i>Shock Trauma Orthopaedics</i>	
8:10 – 8:25 AM	Session III – Part 1 Questions and Answers	
8:25 – 8:40 AM	16) Distraction Osteogenesis for Treatment of Segmental Defects <i>J. Tracy Watson, MD</i> <i>Saint Louis University</i>	
8:40 – 8:55 AM	17) Use of Autogenous Bone Graft for Segmental Defects: Success Rates and Limitations <i>Michael J. Bosse, MD</i> <i>Carolinas Medical Center</i>	
8:55 – 9:10 AM	18) Intramedullary Skeletal Kinetic Distractor (ISKD) for Posttraumatic Limb Length Discrepancy <i>John E. Herzenberg, MD</i> <i>Rubin Institute for Advanced Orthopaedics</i>	
9:10 – 9:25 AM	19) Application of Techniques for Segmental Defects in the Military Population <i>CDR Michael T. Mazurek, MD</i> <i>Naval Medical Center San Diego</i>	
9:25 – 9:40 AM	Session III – Part 2 Questions and Answers	
9:40 – 9:55 AM	BREAK	
SESSION IV: MANAGEMENT OF OPEN TIBIAL SHAFT FRACTURES		
MODERATORS: LTC ROMNEY C. ANDERSEN, MD AND SEAN E. NORK, MD		
9:55 – 10:00 AM	Session Introductions <i>LTC Romney Anderson, MD–Walter Reed National Military Medical Center</i> <i>Sean E. Nork, MD – University of Washington Harborview Medical Center</i>	Mandarin Oriental Hotel Oriental Ballroom B/C
10:00 – 10:15 AM	20) Primary and Definitive Use of Intramedullary Nailing: Roles and Limitations <i>Sean E. Nork, MD</i> <i>University of Washington Harborview Medical Center</i>	
10:15 – 10:30 AM	21) Definitive Use of External Fixation <i>LTC Scott B. Shaven, MD</i> <i>Walter Reed National Military Medical Center</i>	
10:30 – 10:45 AM	22) Timing of Conversion From External Fixation to Nailing <i>Michael J. Bosse, MD</i> <i>Carolinas Medical Center</i>	
10:45 – 11:00 AM	23) Applications for Plating of Open Tibial Shaft Fractures <i>Robert Paul Dunbar, MD</i> <i>University of Washington Harborview Medical Center</i>	
11:00 – 11:15 AM	24) Management of Tibial Shaft Fracture Infections <i>LTC Romney Andersen, MD</i> <i>Walter Reed National Military Medical Center</i>	

11:15 – 11:30 AM	Session IV Questions and Answers	Mandarin Oriental Hotel Oriental Ballroom B/C
11:40 AM–12:40 PM	Luncheon Introduction: <i>E. Anthony Rankin, MD, MAJ (Ret.)</i> Keynote Speaker: <i>COL S. Ward Casscells, III, MD</i> <i>Assistant Secretary of Defense for Health Affairs</i>	Mandarin Oriental Hotel Oriental Ballroom A
SESSION V: MASSIVE PERI-ARTICULAR RECONSTRUCTIONS		
MODERATORS: COL ROMAN A. HAYDA, MD AND THEODORE MICLAU, MD		
12:45 – 12:50 PM	Session Introductions	Mandarin Oriental Hotel Oriental Ballroom B/C
12:50 – 1:05 PM	25) Role of Allograft Reconstructions in Peri-Articular Fractures with Substantial Articular Loss <i>H. Thomas Temple, MD</i> <i>University of Miami</i>	
1:05 – 1:20 PM	26) Role of Staged Prosthetic Reconstruction <i>Andrew H. Schmidt, MD</i> <i>Hennepin County Medical Center</i>	
1:20 – 1:35 PM	27) Role of Debridement and Primary Fusion <i>Michael McKee, MD</i> <i>University of Toronto</i>	
1:35 – 1:50 PM	28) Role of Amputation <i>Douglas G. Smith, MD</i> <i>University of Washington Harborview Medical Center</i>	
1:50 – 2:05 PM	Session V Questions and Answers	
2:05 – 2:15 PM	Introduction: <i>Andrew N. Pollak, MD</i> Guest Speaker: <i>BG Samir Abdullah Hassan</i> <i>Surgeon General of the Iraqi Joint Forces</i>	
2:15 – 2:20 PM	Questions and Answers	
BREAKOUT SESSIONS		
LEADERS: JOHN KEELING, MD; MARC SWIONTKOWSKI, MD; AND LTC JAMES KEENEY, MD		
2:30 – 3:40 PM	Breakout Sessions	A) Oriental Ballroom A
	A. Segmental Bone Defects ○ Leader: <i>LCDR John Keeling, MD</i> ○ Scribe: <i>MAJ Joseph Hsu, MD</i>	B) Hirshhorn
	B. Management of Tibial Shaft Fractures ○ Leader: <i>Marc Swiontkowski, MD</i> ○ Scribe: <i>COL Eli Powell, MD</i> C. Massive Peri-Articular Reconstructions ○ Leader: <i>LTC James Keeney, MD</i> ○ Scribe: <i>LTC Craig Ruder, MD</i>	C) Garden Room I (Lobby Level)
3:45 – 4:15 PM	Presentation of Breakout Groups	
4:15 – 4:30 PM	Concluding Comments / Symposium Adjournment <i>COL James R. Ficke, MD – Brooke Army Medical Center</i> <i>Andrew N. Pollak, MD –University of Maryland / Shock Trauma Center</i>	Mandarin Oriental Hotel Oriental Ballroom B/C
7:00 – 8:30 PM	Moderators/Breakout Leaders/Scribes Dinner	DC Coast Restaurant Wine Room 1401 K Street, N.W. Washington, D.C. 20005