

35th Annual Baltimore Limb Deformity Course: Post-Course

Cadaver Lab Post-Course: Disaster Response Course

Developed by the Society of Military Orthopaedic Surgeons

Co-Sponsored by SOMOS, OTA, and POSNA



Sunday, August 24, 2025
(as of 4/29/25)



Four Seasons Hotel Baltimore
and
Phyllis & Leonard J. Attman Board Room
Sinai Hospital of Baltimore
2401 West Belvedere Avenue
Baltimore, Maryland 21215



Course Directors

Philip McClure, MD	Baltimore, Maryland
Janet Conway, MD	Baltimore, Maryland

Faculty

Elhanan Bar-On, MD, MPH	Sheba Medical Center
Patrick Bosch, MD	University of New Mexico, Carrie Tingley Hospital
Yuriy Demyan, MD, PhD	Regional Children's Hospital Mukachevo
James Ficke, MD, COL (ret)	Johns Hopkins School of Medicine
MAJ Kai Hata, MD	George Washington University Hospital
Roman Hayda, MD, COL (ret)	BrownHealth, Brown University
Scott Nelson, MD	Loma Linda University/Haiti Adventist Hospital
Chris Renninger, MD	University of Maryland Medical Center
COL Daniel Stinner, MD, PhD	Vanderbilt University Medical Center
CAPT (s) Scott Tintle, MD	Walter Reed National Military Medical Center

Course Goals:

- 1) Explore personal and team preparation considerations for disaster response.
- 2) Describe common injuries encountered in the disaster environment.
- 3) Identify challenges of caring for victims of a disaster.
- 4) Discuss ethical and cultural considerations in caring for victims of disaster.
- 5) Review critical orthopaedic skills to use in a disaster environment.

Sunday, August 24, 2025

6:45–7:05	Registration	<i>Cobalt Pre-Function, Level 2</i>
7:15 <i>prompt</i>	Depart from Four Seasons Hotel Lobby to Sinai Hospital of Baltimore	<i>Four Seasons Hotel Baltimore, Lobby</i>
7:45–8:00	<u>Breakfast</u> and Registration for Those Driving Directly to Sinai Hospital of Baltimore	<i>Phyllis & Leonard J. Attman Board Room, Sinai Hospital</i>

General Session 1

Moderator: *Roman Hayda, MD, COL (ret)*

8:00–8:03	Introduction <i>Roman Hayda, MD, COL (ret), and Philip McClure, MD</i>
8:03–8:10	Disaster Operations: The Case for Involvement of Orthopedic Surgeons <i>Roman Hayda, MD, COL (ret)</i>
8:10–8:22	Lessons Learned in the USA: A Survey of US Disaster Efforts <i>James Ficke, MD, COL (ret)</i>
8:22–8:32	Lessons Learned in Haiti: 2021 Update <i>Roman Hayda, MD, COL (ret)</i>
8:32–8:42	Mass Casualty Management: Principles of Triage and Special Consideration <i>Elhanan Bar-On, MD, MPH</i>
8:42–9:02	Complex Extremity Injuries in a Disaster Environment: HV GSW, Blast, Debridements <i>COL Daniel J. Stinner, MD, PhD</i>
9:02–9:10	Pelvis and Spine Injuries in a Low-Resource Environment <i>TBA</i>
9:10–9:20	Assessing Your Resources on Arrival <i>Chris Renninger, MD</i>
9:20–9:40	Panel Discussion
9:40–10:00	<u>Break</u>

General Session 2

Moderator: *Philip McClure, MD*

10:00–10:15	Crush Syndrome, Compartment Syndrome, and Burns <i>Roman Hayda, MD, COL (ret)</i>
10:15–10:25	Chronic Neglected Injuries <i>Scott Nelson, MD</i>

10:25–10:35	Vascular Injuries <i>MAJ Kai Hata, MD</i>	
10:35–10:50	Pediatric Injuries in the Disaster Setting: How to Be Helpful as a Pedipod <i>Patrick Bosch, MD</i>	
10:50–11:02	Extremity Amputations and Soft Tissue Management <i>Chris Renninger, MD</i>	
11:02–11:10	Soft Tissue Coverage: How, When, Where <i>CAPT (s) Scott Tintle, MD</i>	
11:10–11:20	Acute Deformation for Soft Tissue Defects: How, When, Where <i>Philip McClure, MD</i>	
11:20–11:40	Panel Discussion	
11:40–12:00	<u>Boxed Lunch</u>	
12:00–12:25	Value of Preparation and Training: Israeli and International Perspectives <i>Elhanan Bar-On, MD, MPH</i>	
12:25–12:35	Reflections on a National Disaster: War in Ukraine <i>Yuriy Demyan, MD, PhD</i>	
12:35–1:00	Transition to Lab	
1:00–3:30	Bioskills Lab Session Procedures Covered: (<i>5 stations concurrent</i>)	
1:00–1:45	External Fixation in the Low Resource Environment (Trauma Peel Pack Monolateral) 5-6 mm pins Femoral Fracture Knee Spanning Delta Humerus Elbow	
1:45–2:45	Fasciotomy/Escharotomy (Lower Leg, Forearm)	
2:45–3:30	Soft Tissue Coverage Gastrocnemius Rotational Flap Soleus Rotational Flap	
3:30–3:50	<u>Break</u>	
3:50–5:00	Bioskills Lab Resumes	
3:50–4:05	Harvest Skin Graft with Weck Blade (Anterolateral Thigh)	
4:05–4:35	Group Defined/Catch Up	
4:35–5:35	Common Amputations (BKA, Through Knee, AKA)	
5:35–5:55	Change Out of PPE and Head to Schoeneman Building Lobby	
6:00	Bus Departs from Sinai Hospital of Baltimore to the Four Seasons Hotel	<i>Rubin Institute for Advanced Orthopedics, Schoeneman Building Lobby</i>

Pre-Course Material

- ❖ The Incident Command System: How Are Disasters Managed in the USA and Abroad?—Christopher Born, MD (10 min)
- ❖ Personal and Team Preparation and Safety—Philip McClure, MD (10 min)
- ❖ The Dark Side of Doing Good—John Herzenberg, MD (15 min)
- ❖ Crisis Standards of Care and Resource Allocation—MGH Team/Tad Gerlinger, MD (10 min)
- ❖ Working with NGOs—Rich Gosselin, MD/Richard Coughlin, MD (10 min)
- ❖ Primer on Casting and Traction Management—Peter Trafton, MD (10 min)