

34th 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 25, 2024
(as of 7/20/24)



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 K. McClure, MD	Baltimore, Maryland
Roman Hayda, MD, COL (ret)	Providence, Rhode Island

Faculty

Elhanan Bar-On, MD, MPH	Tel Aviv University Faculty of Medicine
Patrick Bosch, MD	University of New Mexico, Carrie Tingley Hospital
James Ficke, MD, COL (ret)	Johns Hopkins University
Kai Hata, MD	George Washington University
Scott Nelson, MD	Loma Linda University/Haiti Adventist Hospital
Chris Renninger, MD	Walter Reed National Military Medical Center
COL Daniel J. Stinner, MD, PhD	Vanderbilt University Medical Center
CAPT (s) Scott Tintle, MD	Walter Reed National Military Medical Center
Col Scott C. Wagner, 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 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 25, 2024

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	Get Breakfast Buffet	<i>Phyllis & Leonard J. Attman Board Room, Sinai Hospital</i>

General Session 1

Moderator: TBA

8:00–8:03	Introduction <i>CAPT (s) Scott Tintle, MD</i>	
8:03–8:10	Disaster Operations: The Case for Involvement of Orthopedic Surgeons <i>Roman A. 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 A. 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>Scott C. Wagner, MD</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: Disaster Response

Moderator: TBA

10:00–10:15	Crush Syndrome, Compartment Syndrome and Burns <i>Roman A. Hayda, MD, COL (ret)</i>
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10:15–10:25	Chronic Neglected Injuries <i>Scott Nelson, MD</i>	
10:25–10:35	Vascular Injuries <i>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 K. 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>	
12:25–1:00	Transition to Lab	
1:00-3:30	Bioskill 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 Gastroc 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)