

35<sup>th</sup> 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 3/25/25)



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

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## Faculty

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

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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 &amp; 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>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	<b><u>Break</u></b>

### **General Session 2: Disaster Response**

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  
*MAJ Kai Hata, MD*
- 10:35–10:50 Pediatric Injuries in the Disaster Setting: How to Be Helpful as a Pedipod  
*Patrick Bosch, MD*
- 10:50–11:02 Extremity Amputations and Soft Tissue Management  
*Chris Renninger, MD*
- 11:02–11:10 Soft Tissue Coverage: How, When, Where  
*CAPT (s) Scott Tintle, MD*
- 11:10–11:20 Acute Deformation for Soft Tissue Defects: How, When, Where  
*Philip McClure, MD*
- 11:20–11:40 Panel Discussion
- 11:40–12:00 Boxed Lunch**
- 12:00–12:25 Value of Preparation and Training: Israeli and International Perspectives  
*Elhanan Bar-On, MD, MPH*
- 12:25–12:35 Reflections on a National Disaster: War in Ukraine  
*Yuriy Demyan, MD, PhD*
- 12:35–1:00 Transition to Lab
- 1:00–3:30 Bioskills Lab Session**  
Procedures Covered: (*5 stations concurrent*)
- 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 **Break**
- 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
- Rubin Institute for Advanced Orthopedics,  
Schoeneman Building Lobby*

## **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)