



DEFENSE INSTITUTE FOR MEDICAL OPERATIONS (DIMO)



“Surgical Trauma Response Techniques” (STRT)

**Mobile Education Team (MET)
MASL D309025**

Background: Surgical Trauma Response Techniques are ever-changing. Our world is in continuous chaos and the mechanics of war are constantly evolving. Soldiers and peacekeepers continue to patrol streets, provide security for convoys, respond to disasters, and provide peacekeeping missions all over the world. Our medical system must rise to the challenge and provide updated and responsive, yet adequate treatment. In recent years, surgical trauma response techniques have made enormous strides in the initial treatment and stabilization of patients. Field hospital surgery is the major event in a soldier’s initial treatment and, when required, surgery is needed immediately to keep the patient from losing life or limb. However, treating patients in a wartime situation is much different from the everyday routine of clinics. This course is designed for the surgeon who might be deployed or face patients from a major disaster, requiring the know-how in surgical trauma response techniques. Surgeons must know how to treat different types of injuries and wounds, despite being in a battlefield medical treatment facility. The ultimate goal of the MET is to refresh and improve a surgeon’s ability to provide improved surgical trauma response techniques in an emergency wartime situation.

Program Scope: The Surgical Trauma Response Techniques course combines lectures and actual “hands-on” lab exercises that enable a surgeon to sharpen and improve skills using the latest techniques from lessons learned in forward trauma field hospitals. It is also designed to educate the surgeon on the latest combat-related surgical techniques. The presenter(s) will have extensive experience in treating emergency and combat-related injuries. “State-of-the-art principles and practices of forward trauma surgery” are discussed by providing each participant with a copy of the Emergency War Surgery Handbook. Lecture topics include the following: Introduction to Military Trauma, Head Trauma, Eye/Face injuries, Trauma in Special Populations, Ultrasound, Shock, Pelvic Trauma and Stabilization, Major Extremity/Stabilization, Neck Injuries and Spine Trauma, Cardio-Thoracic Trauma, Vascular Trauma, Damage Control Surgery Concepts, Small Bowel and Colon Trauma, Liver and Spleen Injuries, Pancreatic/ Duodenal Trauma, Urogenital Injuries, Battlefield Injury Patterns, Thermal Initial Management of Thermal Injury, Deployed Medical Operations, Field Transport and Evacuation, Modular Trauma Teams, Chemical and Biological Warfare, and Psychiatry and Combat Casualty Care. The course also has numerous labs in the following areas: Extremity, Head and Eye, Live Salvage, and Truncal Trauma.

Course Duration: 5 days; **Class Size:** 24 students maximum; **How Offered:** Conducted in the host country as a MET; **Intended International Audience:** Surgeons and physicians who are first responders or first-level care providers to traumatically injured patients

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