




Advisory 16-05 Response to Mass Trauma

To: All MLREMS Providers

From: Jeremy T. Cushman, MD, MS, EMT-P 
Regional Medical Director

Date: June 15, 2016

Optimizing the emergency response to mass trauma incidents such as active killers, explosions, and large motor vehicle crashes is a continuously evolving process. Over the past several years EMS agencies, fire departments, and law enforcement agencies have increased their training and added equipment to address immediate life threats.

In light of recent events, the Division of Prehospital Medicine has developed an optional training course designed to increase operational effectiveness when responding to mass trauma events. “First Responder Lifesaver” is designed for firefighters, law enforcement officers, and EMT/Paramedics and provides education on basic triage principles, hemorrhage control, remote assessment, and patient movement combining both didactic education and hands on exercises. This modular training program can be used in part or in whole to provide a foundation upon which low- or high-fidelity mass trauma incidents can then be designed to incorporate the fundamentals taught through this program. “Train-the-Trainer” sessions will be held on July 25, 2016 0730-1130 and August 22, 2016 from 1700-2100 at the offices of the Division of Prehospital Medicine. These sessions will provide the course materials and review best practices to achieve the desired results of this training program and you only need to attend one of the sessions. The course outline is attached to this Advisory and for more information or to RSVP for this Train-the-Trainer program, please contact Michael_Meyer@urmc.rochester.edu.

Going hand and hand with our operational efforts is the development of a “Mass Trauma Kit” (MTK) which provides for a recommended standard equipment cache of hemorrhage control equipment that may be prepositioned on ambulances, fire apparatus, or law enforcement vehicles. Utilizing a community-wide standard approach is intended to allow any first responder to be familiar with the bag and its contents to expedite treatment of patients. A brief overview of the MTK is attached to this advisory as well.

Neither the course, nor the MTK are required of services in the Monroe-Livingston Region. Our goal is to provide resources to standardize training or response to mass trauma incidents to best prepare for these horrific events. With any questions, please do not hesitate to contact our office.

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Mass Trauma Kit (MTK)

Optimizing the emergency response to mass trauma incidents such as active killers, explosions, and large motor vehicle crashes is a continuously evolving process. The delay to medical treatment in these situations is a problem that has arisen time after time in both drills and actual active killer events that is directly responsible for lost lives that might have been saved with simple, quick interventions. Over the past several years EMS agencies, fire departments, and law enforcement agencies have increased their training and added equipment to address these immediate life threats. Repositioning of medical supplies capable of life saving intervention is critical.

It is recommended that Mass Trauma Kits (MTKs) be prepositioned on firefighting apparatus, ambulances, and police vehicles as well as in high threat environments such as educational institutions, public buildings and transportation authorities. During a multi trauma incident, any first responder (law enforcement, fire, or EMS) would be familiar with the bag and its contents to expedite treatment of patients. Additionally, by having these kits prepositioned, the likelihood that the bags will be present where they are needed will be maximized.

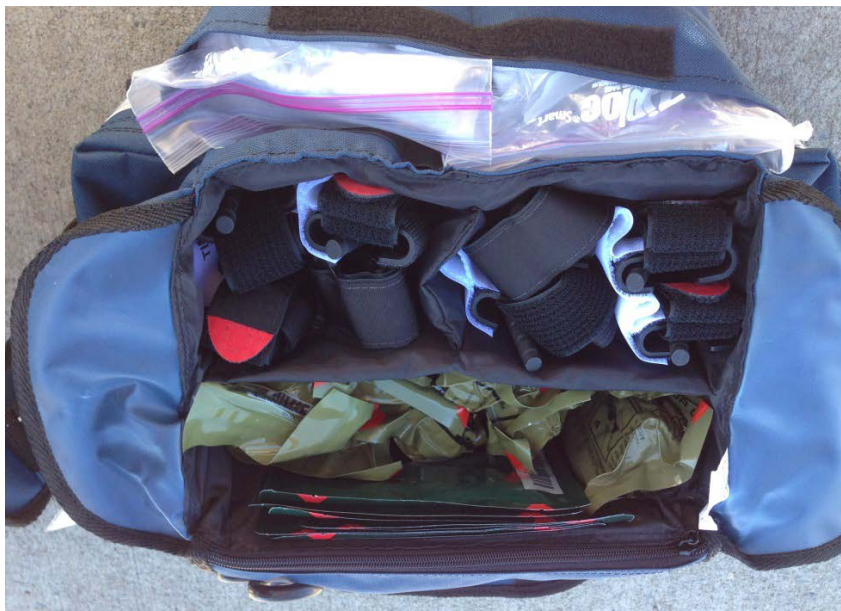
Recommended bag: Dyna Med First Response Bag (Item BA-221)

Recommended minimum contents:

1. (8) commercial tourniquets, CAT Preferred
2. (8) commercial compression dressings
3. (12) rolls of gauze
4. (10) pair nitrile gloves
5. (2) pair trauma shears
6. (2) rolls 2" cloth tape

Optional additional contents:

1. (4) nasopharyngeal airways with lubricant
2. (4) commercial occlusive dressings
3. (1) SMART triage kit affixed (but detachable) to the MTK





Overview - First Responder Lifesaver

First Responder Lifesaver aims to improve responses to various scenarios, such as active shooter, violent extremist, and multiple patient events. The program provides an outline and guidance for individual agencies and departments to deliver the training to their providers, while allowing room to address specific needs of individual departments. These lessons were developed to build upon one another and provide all public safety agencies a unified approach as they provide various types of support to these events.

Instructors are provided with a complete package of materials in a train-the-trainer session offered through our office where specific lesson plans are discussed and skills demonstrated. The training session for the instructors ensures that all the required materials, including the practical skills, can be delivered efficiently and effectively to your departments. Additionally, the associated PowerPoint presentations contain teaching and talking points over and above the presentation materials to help tailor the training to your specific department needs. The following is a sample outline of the program being offered:

Lesson 1: Basics of triage

Didactic topics:

- Discuss and compare difference in daily and disaster triage
- Discuss triage principals unique to the Special Operations environment

Skills Objectives:

- Perform triage utilizing card scenarios in a group setting
- Perform triage utilizing card scenarios as individuals

Lesson 2: Lifesaving Interventions

Didactic topics:

- Describe the indications for, and steps involved in tourniquet application (commercial and improvised)
- Describe the indications for, and steps involved in and wound packing
- Describe the indications for, and steps involved in chest seal application

Skills Objectives:

- Demonstrate tourniquet application (Self, Buddy, Low-light, Physically Limited)
- Demonstrate wound packing
- Demonstrate chest wound assessment
- Demonstrate chest seal application (Buddy, Low-light, Physically limited)



Lesson 3: Supporting Rescue Operations

Didactic topics:

- Principles of Remote Assessment
- Medicine across the barricade
- Basics of tactical patient movement

Skills Objectives:

- Perform scene assessments through binoculars (use company equipment)
- Perform medicine across the barricade instruction via radio
- Demonstrate basics of tactical patient movement
- Demonstrate lifts, drags, and carries incorporating SKED and mega-mover

If you would like additional information, or have any questions about the program, please contact either:

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