

## Active Shooter Response

### Introduction

The goal of this procedure is to get trained emergency medical resources to the victims of an active shooter within minutes of being wounded. An Active Shooter incident will be under the command of Law Enforcement, and the EMS response will require close coordination with law enforcement, either under a *Unified Command* organization, or as an *EMS Branch*.

### Active Shooter Hazard Zones

The *Hazard Zones* of an Active Shooter Incident are defined as:

- **Hot Zone:** Unsecured, threat continues to be active.
  - *Inner Perimeter:* Boundary between the Hot Zone and Warm Zone
- **Warm Zone:** The zone that has been rapidly swept by the initial law enforcement entry team as they move to contact and neutralize the shooter(s); the threat level is reduced but not eliminated. This zone does not encompass the entire building or area, but expands as the law enforcement sweep progresses.
  - *Outer Perimeter:* Boundary between the Warm Zone and the Cold Zone
- **Cold Zone:** Secure area, outside the area of immediate threat.

### EMS Treatment Priorities

EMS treatment concepts and priorities are based on PHTLS/Tactical Combat Casualty Care (TCCC) principles. These principles focus on the three most common causes of preventable death in combat (active shooting) situations; 1) extremity hemorrhage, 2) tension pneumothorax, and 3) airway obstruction. All of these injuries are readily treatable in the field with a minimum of equipment. Equipment carried by EMS responders should be appropriate to the *Hazard Zone* in which they are operating.

### Procedure

- First responding law enforcement officers (LEOs) organize and deploy in small, 2-3 person teams as soon as they arrive on scene. They move rapidly through unsecured areas toward the sound of shooting, in an effort to engage the shooter(s) and eliminate the threat. They bypass all victims.
- First responding EMS personnel will be organized with the next available law enforcement personnel into a *Warm Zone Response (WZR) Teams*:
  - The make-up of the *WZR Team* may vary, depending on resource availability and situation, but typically will include 2 EMS responders and 2 LEOs.

- The *WZR Team* will move forward into the Warm Zone, with a goal of providing stabilizing care to wounded
- The LEOs will provide front and rear security
- Each of the EMS responders will be equipped with a “Warm Zone Response Kit” that allows them to work independently to stabilize multiple patients simultaneously. See kit contents below.
- Each EMS responder should be equipped with appropriate insignia that identifies them as an EMS responder
- The *WZR Team* will be capable of radio communication on two TAC frequencies simultaneously:
  - The LEOs will communicate on a police TAC to the law enforcement command.
  - EMS responders will communicate on a Fire/EMS TAC to the Fire/EMS Branch Director to report triage information.
- The *WZR Team* moves from casualty to casualty with the EMS responders stabilizing only immediately life threatening wounds, and then moving on. The goal is to stabilize as many casualties as possible. No casualties are evacuated at this point.
- When the initial *WZR Team* runs out of supplies, they move back through the area, evacuating casualties they have treated to a casualty collection point (CCP), where they can be handed off to transporting EMS units.
- As resources arrive on scene, additional *WZR Teams* may be formed, and tasked either with evacuation of stabilized victims, or moving deeper into the warm zone in a “stabilize but not evacuate” mode.
- A cache of supplies may be established at the CCP to allow *WZR* team members to resupply and return to the Warm Zone.
- Contact with Holy Cross Hospital Emergency Department should be established by the EMS Branch Director as early as possible in order to coordinate care and destination decisions, and to give Holy Cross as much time as possible to prepare for receiving multiple trauma patients.

## Kit Contents

### Warm Zone Response Kit

<b>Hemorrhage Control/Wound Management</b>		
	<b>Item</b>	<b>Quantity</b>
1	C-A-T (Combat Application Tourniquet)	1 each
2	Israeli Combat Dressing – 4"	2 each
3	Israeli Combat Dressing – 6"	1 each
4	Quick-Clot Combat Gauze – "Z" fold	1 each
5	PriMed compressed rolled gauze bandage	4 each
6	Cloth Tape – 2"	1 each
7	Co-Flex – 3"	1 each
<b>Airway/Thoracic</b>		
	<b>Item</b>	<b>Quantity</b>
8	NPA – 28 Fr	2 each
9	NPA – 22 Fr	1 each
10	Surgilube/KY	3 each
11	HALO Chest Seal or NAR HyFin Chest Seal	1 each
12	Chest Decompression – 14 ga x 3 ¼" NAR ARS	1 each

<b>Instruments/Personal Protection</b>		
	<b>Item</b>	<b>Quantity</b>
14	Nitrile gloves	3 pair
15	Trauma Shears	1 each
16	Sharpie Marker	1 each
	NAR CCRK Medic Leg Bag	1 each

### CCP- ALS Kit

<b>Hemorrhage Control/Wound Management</b>		
	<b>Item</b>	<b>Quantity</b>
1	C-A-T (Combat Application Tourniquet)	2 each
2	Israeli Combat Dressing – 4"	3 each
3	Israeli Combat Dressing – 6"	2 each
4	Blast Bandage	1 each
5	Quick-Clot Combat Gauze – "Z" fold	2 each
6	EZ Gauze (compressed "Z-fold" gauze)	4 each
7	Cloth Tape – 2"	1 each
8	Co-Flex – 3"	2 each
9	Duct Tape/Combat Reinforcing Tape	1 each

<b>Airway/Thoracic</b>		
	<b>Item</b>	<b>Quantity</b>
10	NPA – 28 Fr	2 each
11	NPA – 22 Fr	2 each
12	Surgilube/KY	6 each
13	Pocket BVM	1 each

14	King or Combitube Airway – size 4	1 each
15	Cric Kit <ul style="list-style-type: none"> <li>• #11 Scalpel</li> <li>• 4" Trach hook</li> <li>• 5 ½" curved hemostat</li> <li>• 6 mm Tracheotomy tube with strap</li> <li>• Betadine preps</li> </ul>	1 each
16	HALO Chest Seal or NAR HyFin Chest Seal	2 each
17	Chest Decompression – 14 ga x 3 ¼" NAR ARS	3 each

<b><i>Venous Access</i></b>		
	<b>Item</b>	<b>Quantity</b>
18	IV Catheter – 18 ga	4 each
19	Extension set	3 each
20	Saline flush – 5 cc	3 each
21	Betadine preps or ChloroPreps	6 each
22	4x4 pads – non sterile	6 each
23	IV start tourniquet - rolled	2 each
24	VeniGuard IV site dressing	3 each
25	Sharps Shuttle	1 each

<b><i>Immobilization</i></b>		
	<b>Item</b>	<b>Quantity</b>
26	SAM Splint	2 each
27	Cravat/Triangle Bandage – Large	2 each

<b><i>Instruments/Personal Protection</i></b>		
	<b>Item</b>	<b>Quantity</b>
28	Nitrile gloves	6 pair
29	Trauma Shears	1 each
30	Sharpie Marker	1 each
31	Chinook TMIK-MO Bag	1 each