

Michigan TRAUMA AND ENVIRONMENTAL **GENERAL TRAUMA**

Initial Date: 5/31/2012 Revised Date: 10/25/2017

Section 2-2

General Trauma

This protocol should be followed for severely injured patients meeting trauma triage quidelines and methodology; including chest injuries, and patients with symptoms of spinal cord injury, along with extremity weakness, numbness or sensory loss. It consists of assessment, stabilization, extrication, initiation of resuscitation, and rapid transportation to the closest appropriate facility.

Aliases: Trauma, injury, injuries

GENERAL TRAUMA MANAGEMENT

- 1. Follow General Pre-hospital Care Protocol.
- 2. Stabilize spinal column while opening the airway, determine level of consciousness. Refer to Spinal Injury Assessment Protocol.
- 3. Manage airway and ventilation per Emergency Airway Procedure. Avoid Hyperventilation/Hyperoxygenation.
- 4. Control major external bleeding. Refer to Soft Tissue and Orthopedic Injuries Protocol.
- 5. If shock present, refer to Shock Protocol.
- 6. Refer to Mass Casualty Incidents Protocol if appropriate.



- 7. Initiate transport according to the Trauma Triage Protocol or refer to applicable MCA Protocol.
- 8. Alert receiving hospital as soon as appropriate. Include pertinent trauma triage criteria.
- 9. Obtain vascular access (in a manner that will not delay transport).
- 10. Refer to Pain Management Procedure.

CHEST INJURY

- 1. Control hemorrhage per Soft Tissue and Orthopedic Injuries Protocol.
- Assess, monitor, and treat life threatening respiratory problems.
 - A. Administer oxygen to maintain a pulse oximetry (if available) of 94% to 99%. Avoid positive pressure ventilation if possible.
 - B. All open and/or sucking chest wounds should be covered with an FDA and MCA approved occlusive seal device, or improvised occlusive dressing.
 - Release dressing if worsened shortness of breath, or signs of tension pneumothorax.



3. If tension pneumothorax suspected, perform needle decompression per Pleural **Decompression Procedure.**

ABDOMINAL INJURY

 Cover intestinal eviscerations with a sterile dressing moistened with sterile saline or water; cover the area with an occlusive material (aluminum foil or plastic wrap). Cover the area with a towel or blanket to keep it warm. Transport with knees slightly bent, if possible. DO NOT PUSH VISCERA BACK INTO ABDOMEN.



Michigan TRAUMA AND ENVIRONMENTAL GENERAL TRAUMA

Initial Date: 5/31/2012 Revised Date: 10/25/2017

Section 2-2

area with an occlusive material (aluminum foil or

Cover the area with a towel or blanket to keep it warm. Transport with knees slightly bent, if

DO NOT PUSH VISCERA BACK INTO

plastic wrap).

possible.

ABDOMEN.

Follow General Pre-hospital Care Protocol. Stabilize spinal column while opening airway, determine level of consciousness. Refer to Spinal Injury Assessment Protocol. Manage airway ventilation per Emergency Airway Procedure. Avoid Refer to Mass Hyperventilation/Hyperoxygenation. Casualty Protocol Control major external bleeding. Refer to Soft Tissue and as appropriate Orthopedic Injuries Protocol. If shock present, refer to Shock Protocol. Initiate transport according to Trauma Triage and Destination Protocol or refer to applicable MCA Protocol Obtain vascular access (in a manner that will not delay transport). Refer to Pain If hypotensive, refer to Management **Shock Protocol** Procedure as needed **Chest Injury** Control hemorrhage per Soft Tissue and Orthopedic Injuries Protocol. Assess, monitor, and treat life threatening respiratory problems. Administer oxygen to maintain a pulse oximetry (if available) of 94% to 99%. Avoid positive pressure ventilation if possible. All open and/or sucking chest wounds should be covered with an FDA and MCA approved occlusive seal, or improvised occlusive dressing. Release dressing if worsened shortness of breath, or signs of tension pneumothorax. **Abdominal Injury** If tension pneumothorax Cover intestinal eviscerations with a sterile dressing suspected, refer to Pleural moistened with sterile saline or water; cover the Decompression Procedure.

MCA Name: Bay County MCA MCA Board Approval Date: 02/26/2018 MCA Implementation Date: 05/01/2018 Protocol Source/References: