

## Michigan TRAUMA AND ENVIRONMENTAL BLEEDING CONTROL (BCON)

Initial Date: 3/23/2018

Revised Date: 05/23/2023

Section: 2-13

## **Bleeding Control**

## Indications:

Patients with significant traumatic or non-traumatic (i.e., hemodialysis access) external hemorrhage

- 1. Follow General Pre-hospital Care-Treatment Protocol and Soft Tissue & Orthopedic Injuries-Treatment Protocol.
- 2. Apply direct pressure to the wound with clean gauze using universal precautions.
- 3. If the bleeding is not controlled with direct pressure, treat according to the location of the wound.
  - Extremity bleeding apply tourniquet:(Refer to Tourniquet Application-Procedure Protocol)
    - If tourniquet unsuccessful apply second/adjacent tourniquet per Tourniquet Application-Procedure Protocol.
    - ii. NOTE- tourniquet may be painful, see **Pain Management-Procedure Protocol.**
  - b. Neck, axilla/shoulder or groin bleeding:
    - i. Pack wound with MCA approved hemostatic dressing (if available, following manufacturer's instructions) or clean gauze.
    - ii. Use as much of the dressing/gauze as needed to stop the blood flow.
    - iii. Quickly apply pressure until the bleeding stops. (Approximately 3-5 minutes)
    - iv. Leave the dressing in place and wrap area with bandaging to secure the dressing.
- 4. Do not remove the bandage or hemostatic dressing/gauze
- 5. Elevate the injury, if possible.
- 6. Reassess for bleeding through or around the dressing.
- 7. For patients who have signs or symptoms of shock, secondary to hemorrhage, refer to **Hemorrhagic Shock-Treatment Protocol**.
- 8. Transport according to **Adult and Pediatric Trauma Triage-Treatment Protocol** and MCA Transport Protocol

## Notes:

If hemostatic dressing is used, contact medical control to advise of application, document time of use, and send packaging from dressing to hospital with patient for removal instructions.

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