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1903 Marquette Ave, Suite J 102, Muskegon, MI 49442

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### Lesson Plan: Trauma Team Simulation

**Topic:** Trauma Team Simulation

**Presenter:** Muskegon County Medical Control Authority CE Sponsor Program

**Location:** Muskegon County Medical Control Authority CE Sponsor Locations

**Credit Category:** Trauma

**License Level:** MFR, EMT, SPEC, MEDIC

**Credits:** 1

**Format:** 1-hour-practical

**Objectives:** At the conclusion of this CE session, the participants will be able to:

#### Cognitive

1. Describe the critical elements of a "Trauma Alert" according to local protocol, hospital-based Emergency Severity Index (ESI), and local "Trauma Code" and "Trauma Eval" criteria.
2. Define the "60 second time out" and its importance to continuum of care.
3. Describe the critical elements of a verbal turnover report and the importance of being concise.
4. Differentiate between a radio report and a verbal turnover report.

#### Psychomotor

1. Provide a trauma alert to a receiving facility with key elements that allow for activation of specialized trauma teams.
2. Perform a smooth patient turnover as a member of a trauma team and in a high stress, time sensitive environment.
3. Perform critical life-saving interventions in a multi-system trauma patient, including airway management, bleeding control, and fluid resuscitation.

#### Affective

None

#### Outline for CE Session:

1. Introduction
2. Scenario #1 – Adult Multi-Trauma MVC (car vs semi)
  - A. Given a scenario, participants will:
    - a. Provide "Trauma Alert" radio report to receiving facility
    - b. Provide concise verbal turnover report to Trauma Team during 60 second time out
    - c. Assist moving patient from stretcher to hospital bed
    - d. Observe Trauma Team perform Primary Assessment
    - e. Assist Trauma Team perform critical interventions
    - f. Observe Trauma Team perform Secondary Assessment



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- B. Debriefing with education on missed touchpoints
- 3. Scenario #2 – Infant Decreased LOC – Unknown Trauma
  - A. Given a scenario, participants will:
    - a. Provide “Trauma Alert” radio report to receiving facility
    - b. Provide concise verbal turnover report to Trauma Team during 60 second time out
    - c. Assist moving patient from stretcher to hospital bed
    - d. Observe Trauma Team perform Primary Assessment
    - e. Assist Trauma Team perform critical interventions
    - f. Observe Trauma Team perform Secondary Assessment
  - B. Debriefing with education missed touchpoints
- 4. Touchpoints may include:
  - A. Airway management
  - B. Cervical spine restriction
  - C. Neurological Assessment
  - D. Consideration of tourniquets
  - E. Management of pneumothorax
  - F. FAST Exam
  - G. Intravenous and/or Intraosseous Access
  - H. Pelvic Binder Application
  - I. Temperature Management
  - J. Massive Blood Transfusion
  - K. Reversal of Hyperkalemia/Hypocalcemia
  - L. TXA
  - M. Management of traumatic arrest
  - N. Consideration of Med-Legal issues

**Student Evaluation Method:** No formal evaluation of participants will occur. Participants may be informally evaluated through feedback of simulation manikin and treatment provided.

**Evaluation of Presentation:** Continuing Education Program Sponsor Evaluation Form will be filled out by all participants.