

# Marquette County EMS Medical Control Authority

Part 1 Section 1

## TRAUMA - Head Injuries

## BLS Protocol



- Document:**
- ABCs
  - Detailed Assessment
  - Vital Signs
  - SpO2
  - Glasgow Coma Scale
  - Motor Function
  - Neurologic Deficits
  - Lung Sounds
  - Skin Color
  - Treatment
  - Response to Treatment
  - Communication with Medical Control

**ABC's**  
**100% Oxygen**  
 Evaluate airway while maintaining c-spine stabilization and complete General Trauma evaluation

**Evaluate Breathing**

Correct hypoxia immediately with high flow O2 via NRB mask, and assist respirations with BVM if indicated. Insert Combi-Tube if indicated. Request LALS/ALS intercept immediately. Contact Medical Control with patient status.

**Clinical Signs of Shock?**

Yes

See Shock Protocol and advise Medical Control and ALS

No

**Continual reassessment of respiratory status and LOC**

Confirm neurological signs before and after immobilization, including an updated GCS.

**Immobile and position patient appropriately**

Transport to appropriate facility, as directed by Medical Control

Note: Head injured patients are not hypotensive unless there is blood loss somewhere in the body. Spine-injured patients can be in shock without showing classic signs.

Patient to be monitored for:

1. Aspiration
2. Pupil size, equality, and reactivity.
3. Cerebral herniation
4. Extensor posturing
5. Unequal or unreactive pupils.
6. Progressive neurologic deterioration.
7. Decrease in GCS of  $\geq 2$  in patients with initial GCS  $< 9$ .

**Contact Medical Control for direction on patient destination and definitive treatment**

Authentication And Approval :

*Richard L. Fracone, DO* \_\_\_\_\_ 3/1/2005 \_\_\_\_\_  
 Marquette County EMS Medical Director Date:  
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**Trauma - Head Injuries/BLS**