

ADULT HEAD SPINAL FACIAL INJURIES

HPI	Signs & Symptoms	Differential Diagnosis
<ul style="list-style-type: none"> Time of injury MOI - blunt vs. penetrating Loss of consciousness Evidence of multi-system trauma 	<ul style="list-style-type: none"> AMS Pain, swelling, bleeding Cushing's Triad Unequal, sluggish pupils Respiratory distress or failure Vomiting 	<ul style="list-style-type: none"> Stroke Diabetic Emergency Hypovolemic Shock

	EMR	EMT	PM
1. Provide Adult Routine Trauma Care - treat life threatening problems with airway, breathing circulation and disability.	•	•	•
2. Utilize Spinal Motion Restriction as indicated	•	•	•
3. Obtain ECG and/or 12 lead, monitor Capnography.		•	•

UNSTABLE: Altered Mental Status, MAP < 65 or SBP < 90

4. Perform Rapid Trauma Assessment and manage airway as indicated	•	•	•
5. Obtain blood glucose level. If blood glucose is < 60 or > 250, see Diabetic Emergencies protocol	•	•	•
6. NORMAL SALINE in 500 mL increments, titrate to MAP ≥ 65 or SBP ≥ 110			•
7. If signs of increased ICP (see PEARL 1), ventilate 1 breath/3-6 seconds to Capnography of 35 mmHg.		•	•
8. If condition continues to deteriorate and failure to maintain airway/ventilate/oxygenate, consider Drug Assisted Intubation			•
9. For seizures MIDAZOLAM : 10 mg IM or 2 mg IVP/IO/IN, may repeat 2 min., max. 10 mg			•

STABLE: GCS 15, MAP >65, SBP >90, skin warm/dry

4. Perform Focused Exam		•	•
5. Obtain blood glucose level. If blood glucose is < 60 or > 250, see Diabetic Emergencies protocol	•	•	•
6. NORMAL SALINE in 500 mL increments, titrate to MAP ≥ 65 or SBP ≥ 110			•

PEARLS:

- Rapid neurologic deterioration (unequal pupils, decerebrate posturing, lateralizing signs) often seen secondary to increased ICP should be treated with ventilations guided by Capnography. Ventilate patient 1 breath/3-6 seconds to Capnography of 35 mmHg.
- If seizure activity continues or recurs, contact **OLMC** to administer further doses of **MIDAZOLAM**.
- A nasal airway should not be used with significant facial injury or possible basilar skull fracture