

# Traumatic Brain Injury

## Initial assessment

- ABCs
- Airway management and c-spine protection
- Assess: LOC, V/S
- Incident history; Mechanism of injury

Notify Trauma physical/General physician

Severe TBI (GCS = 3-8)

- Hold mask with reservoir bag 10-12 LPM
- Assisted in endotracheal tube or definite airway
- Fluid management
- Keep warm
- Trauma lab, G/M
- Prepare adjuncts: Foley cath, ECG
- Prepare for diagnostic imaging
- Prepare for emergency operation, consent form
- Medication administration
- Monitor: V/S, GCS, O<sub>2</sub> sat, ECG
- Inform caregiver, mental support
- Record

Moderate TBI (GCS = 9-12)

- Oxygen mask with reservoir bag 10-12 LMP
- Prepare for definite airway
- Fluid management
- Keep warm
- Trauma lab, G/M
- Prepare adjuncts: Foley cath, ECG
- Prepare for: diagnostic imaging
- Prepare for: surgical treatment, consent form
- Medication administration
- Monitor: V/S, GCS, O<sub>2</sub> sat, ECG
- Inform caregiver, mental support
- Record

Mild TBI (GCS = 13-15)

### With risk factor

- Severe headache, vomiting, drowsy, paresis, seizure, loss of conscious
- Alcohol intoxication
- Fracture skull
- Risk of coagulopathy

### Without risk factor

- Oxygen mask with reservoir bag 10-12 LMP
- Fluid management
- Keep warm
- Trauma lab
- Prepare for: diagnostic imaging
- Monitor: V/S, GCS, O<sub>2</sub> sat
- Inform caregiver, mental support

Reassessment

Definitive Care to  
OR/ICU/Unit/transfer

