

## ICP Crisis Order Sheet:

- Consult neurosurgery [Dr. \_\_\_\_\_], inform neurosurgical resident on call
  - evaluation for decompressive hemicraniectomy
  - evaluation for EVD drainage
  - evaluation for ICP bolt insertion
  - evaluation for PbtO<sub>2</sub> monitoring device insertion
- Head of bed 30 degrees
- Analgesia and sedation, inform MD if patient agitated or dysynchronous with mechanical ventilator
  - Propofol
  - Dexmedetomidine
  - Fentanyl
- BMP q6h, sodium goal [\_\_\_\_\_] - [\_\_\_\_\_]
- Neurologic examination and vital signs every 1 hour
  - Inform MD if temperature <34C or >36C
  - CPP goals >60mm Hg
  - MAP goals: [\_\_\_\_\_] - [\_\_\_\_\_]
- Attach to end-tidal CO<sub>2</sub> monitor, inform MD if CO<sub>2</sub> <35 or >45
- ABG now, inform MD if PaO<sub>2</sub> <100
- Start dexamethasone 10mg IV x1 dose now then 6mg IV q6h for vasogenic edema
- Hyperventilate x 6 hours max
  - Increase respiratory rate in mechanical ventilator settings, target PaCO<sub>2</sub> [\_\_\_\_\_] - [\_\_\_\_\_], check ABG in 30 minutes or attach ETCO<sub>2</sub> monitor
- Mannitol
  - 0.5-1.5G/Kg IV bolus now
  - Mannitol q6h if serum osmolarity <300 and >320
  - Check serum osmolality every 4-6 hours, target 300-320
- Hypertonic saline, BMP q4h
  - Start 2% saline at 50cc/hr
  - Start 3% saline at 10-20cc/hr
  - 23.4% saline bolus x1 now
- Propofol
  - Bolus [\_\_\_\_\_]
  - Infusion [\_\_\_\_\_]
- Pentobarbital, ICP goal: [\_\_\_\_\_] - [\_\_\_\_\_]
  - Continuous VEEG, hemodynamic monitoring and ICP monitoring
  - Bolus 5-20 mg /Kg IV bolus
  - Infusion 1-4 mg/Kg/hr IV
- Temperature control
  - Acetaminophen 325-650 mg PO or PR q6h
  - Ibuprofen 500mg PO q6h
  - Surface cooling with ice packs, cool blankets, Arctic Sun
  - Intravascular cooling
  - Targeted temperature management