

**NEUROSURGICAL PROCEDURES**

**Craniotomy:**

* Phenytoin (Dilantin) to manage potential seizures
* Dexamethasone (Decadron)
* Call for any neurological changes and/or other concerns

**Pituitary Tumor Resection:**

* Hydrocortisone
* Foley with strict UOP q30 mins.
* Urine Specific Gravity and Serum Osmolality for a UOP > 200 cc/hr X 2 (UOP> 300 cc in any hour
* Call for neurological changes and any concerns

**NeuroSurgical Patient Complications:**

* Seizures Precautions:

**BASIC PRECAUTIONS: a** potential for seizures is present for all neurosurgical cases

* + Oral airway available on the unit
  + Side rails up and bed in low position

**HIGH RISK PRECAUTIONS:** ADDITIONAL care for the patient with active seizures

* + Suction equipment readily available
  + Oxygen equipment readily available
* Speech deficits
* Motor strength alteration
* Asymmetrical motor disturbances
* Confusion / memory changes

**General Post-Operative Care**

* VS and neurologic assessment q15 min. X4, q30 min. X4, qHr X4, then Q4Hr if stable
* Site/dressing
* Pain, nausea
* Pulmonary toiletry
* Bladder/bowel
* Activity: OOB as ordered, may be the evening of surgery