

ECLAMPSIA CHECKLIST PROTOCOL

Recognize

New-Onset tonic-clonic, focal or multifocal seizure activity without other known cause

Respond

- ☐ Activate Rapid Response Team
- ☐ Notify **covering** physician immediately
- ☐ Designate team roles
 - Team leader
 - Recorder
 - Primary RN
 - Records reviewer

Protect Patient and Airway

- ☐ Ensure side rails up
- ☐ Place patient in left lateral decubitus position
- ☐ Continue pulse oximetry
 - Provide supplemental oxygen with 10 L non-rebreather mask
- ☐ Obtain code cart, Ambu bag, and suctioning equipment

Treat

- ☐ Start two large bore peripheral IVs (PIV) and draw labs
- ☐ Treat severe hypertension per the Hypertensive Emergency Checklist
- ☐ Initiate magnesium sulfate
- ☐ Continuous fetal monitoring *following* the eclamptic seizure
- ☐ Deliver if still pregnant
 - Develop a delivery plan
 - Move to operating room if fetal bradycardia persists

Recommended Labs

1. Complete Blood Count (CBC)
2. Complete Metabolic Panel (CMP)
3. PT/INR, PTT, Fibrinogen
4. Type and Cross x2 units pRBCs

Escalation of care

If persistent seizure activity:

- ☐ Administer second line anticonvulsant agent if seizures persist >2-3 min
 - Lorazepam (Ativan): 2-4mg IV (**readily available on all units**) OR
 - Midazolam (Versed): 1-2mg IV or IM OR
 - Diazepam (Valium): 1-10mg IV
- ☐ Consult
 - Critical Care Team
 - Neurology
 - Anesthesiology for an advanced airway
- ☐ Obtain advanced airway (consult anesthesiology)

Initial Magnesium Sulfate Dosing

With peripheral IV

- ☐ Magnesium 4-6g loading dose over 30 minutes
- ☐ 2g/hr maintenance *if* normal renal function; if creatinine is ≥ 1.1 mg/dL start 1 g/hour

No peripheral IV access

Magnesium Sulfate 10g IM (5g in each buttock- 2 vials)

Location: Pedi/Adult Code Cart

Contraindication to Magnesium: Myasthenia Gravis

Debrief

- ☐ Team Huddle (during event and post event)
- ☐ Debrief with patient and family

Document

- ☐ Nursing: use the "RRT" flowsheet in the electronic medical record(EMR). Fill out all fields, including final disposition.