Magnesium Sulfate Protocol

**Indications**

* Eclampsia
* Torsades de pointes
* Severe Bronchospasm

**Contraindications**

* Heart blocks
* Impaired Renal function
* Hypocalcemia
* Hypotension

**Adverse reactions**

* Hypotension
* Decreased respiratory and cardiac function.
* Arrythmias
* Drowsiness
* Decreased deep tendon reflexes.

**Dosages and Administration**

* Eclampsia (over 20 weeks gestational or postpartum < 4 weeks, with seizures)
  + 4 gm IV/IO mixed in 100 ml of IV solution, given over 10 minutes
* Torsades de pointes
  + 2 gm IV/IO bolus over 2 minutes
* Severe Bronchospasm (Only to be given if no patient improvement after albuterol administration)
  + Adult
    - 2 gm IV/IO mixed in 100 ml of IV solution, given over 20 minutes.
  + Pediatric (under 16 years old)
    - 50 mg/kg (max 2 gm) - IV/IO mixed in 100 ml of IV solution, given over 20 minutes.