

Magnesium Sulfate(MgSO₄)

- Class:** Electrolyte – Anticonvulsant/Antiarrhythmic
- Actions:** CNS depressant effective in the management of seizures associated with eclampsia.
- Rx:** Pulseless VT, VF, unstable wide complex tachycardia, Torsades de Pointe, obstetrical eclampsia, asthma not responsive to bronchodilators.
- Contra:** renal disease, heart block, recent MI, hypermagnesemia, hypocalcemia.
- SE:** Hypotension, asystole, cardiac arrest, respiratory and CNS depression, flushing, sweating.
- Dosage:**
- Cardiac Arrest VT/VF/Torsades: 1 – 2 gm IV.
 - Eclampsia: 1 – 2 gm IV over 10 minutes.
 - Asthma: 1 – 2 gm IV over 10 minutes.
- Peds:** 25 – 50 mg/kg IV, IO over 10-20 min.
- Notes:** Calcium Chloride should be readily available as an antidote if respiratory depression occurs.

Supplied in SVMCA Drug Box: 1 gm/2 ml vial