

Generic Name: **MAGNESIUM SULFATE**

Class: Anticonvulsant/Antiarrhythmic.

Indications: Pulseless V-Tach, pulseless V-Fib, unstable wide complex tachycardia, Obstetrical eclampsia (toxemia of pregnancy), pre-eclampsia/Pregnancy Induced Hypertension

Actions: CNS depressant effective in the management of seizures associated with eclampsia
Antiarrhythmic

Contraindications: Heart block or recent myocardial infarction
Patients in shock, severe hypertension, those who routinely undergo dialysis, or are known to have a decreased calcium level

Caution In Use: Can cause hypotension, circulatory collapse and depression of cardiac and respiratory function.
Calcium Chloride should be readily available as an antidote if respiratory depression ensues.
Use with caution in patients taking digoxin- Can cause cardiac conduction abnormalities if administered in conjunction with digitalis.

Adverse Reactions: Hypotension, flushing, drowsiness, respiratory depression, and circulatory collapse.

Doses: Persistent seizures of eclampsia: 2 grams IVP over 1-2 min with IV wide open. Additional 2 grams IVP may be repeated.

 Pulseless V-Fib and V-Tach: 1-2 grams IVP, IV wide open

 Unstable wide complex tachycardia with pulse: 2 grams slow IVP with IV running wide open

 Respiratory distress: Refractory Status Asthmaticus: 2 grams slow IVP

Supplied 1 gram/2ml vial

Route: IV, IM