

**CLASS A: ACLS**

**CLASS B: Eclampsia and Asthma**

**PROTOCOL(S) USED IN: Cardiac Arrest (V-fib/tach), Cardiac Dysrhythmia  
Tachycardia, Seizure, Respiratory Distress**

**PHARMACOLOGY AND ACTIONS:**

- A. CNS Depressant
- B. Stabilizes muscle cell membranes by interacting with the sodium/potassium exchange system.
- C. Smooth muscle relaxant
- D. Vasodilator
- E. Bronchodilator

**INDICATIONS:**

- A. Severe refractory VF
- B. Torsades
- C. Eclampsia
- D. Asthma

**CONTRAINDICATIONS:**

- A. Renal Disease
- B. Heart Block

**SIDE EFFECTS & SPECIAL NOTES**

- A. Hypotension
- B. Asystole
- C. Respiratory & CNS Depressant

**ADULT DOSING:**

**Refractory V Fib / Torsades -**

1.0-2.0 grams diluted in 10ml NS IV/IO over 1-2 minutes.

**Tachycardia with a pulse: Wide QRS Irregular Rhythm**

1.0-2.0 grams diluted in 10ml NS IV/IO over 5 minutes.

**Eclampsia -**

4.0-6.0 grams diluted in 10ml NS IV/IO over 1-2 minutes. OLMC required.

**Asthma**

1-2 grams diluted to 10cc in NS IV. Administer slowly. OLMC required.  
(Contraindicated in the hypotensive pt.).

**PEDIATRIC DOSING:**

**Tachycardia with a pulse**

25 mg/kg IV over 1-2 min. Max dose 2g. OLMC required.

