

CLASS A: ACLS and Eclampsia

CLASS B: Asthma and PALS

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

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 fluid IV/IO over 1-2 minutes.

Tachycardia with a pulse: Wide QRS Irregular Rhythm

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

Eclampsia -

4 grams diluted in 100 ml fluid IV/IO over 10 minutes.

Asthma

1-2 grams diluted to 100 ml in fluid IV/IO over 10 minutes. **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.