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:
Refactory 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.