



The Dr. Nurse

A confident student will be a successful nurse!



ACLS DRUGS

EPINEPHRINE

Indications: 1 mg IVP Q 3-5 minutes for PEA/Aystole and V-fib/Pulseless VT.

Mechanism of Action: Positive inotrope and chronotrope. Also improves responsiveness to defibrillation.

Concentration: 1: 10000

AMIODARONE

Indications: V-fib/ Pulseless VT.

Dosage: Initial dose of 300 mg IVP followed by 150 mg IVP.

Mechanism of action: Prolongs Phase III of the cardiac action potential.

Adverse effects: Pulmonary toxicity, Hepatotoxicity, Hyper/hypo thyroidism.
Don't forget to hang a drip if Amiodarone converts your patient!

LIDOCAINE

Indications: Refractory V-fib and Pulseless VT when amiodarone is not available or ineffective.

Mechanism of action: Na⁺ channel blocker.

Dosage: 1- 1.5 mg/kg then 0.5-.75 mg/kg may be given every 5-10 minutes.

MAX DOSAGE: 3 mg/kg.

Adverse Effects: "Lidocaine crazies".

MAGNESIUM SULFATE

Indications: Polymorphic VT (Torsades de Pointes).

Dosage: 2 Gm.

