

Amiodarone (Cordarone®) – 20.050

CLASS: A

PROTOCOL(S) USED IN: Cardiac Arrest VT/VF, Cardiac Dysrhythmia Tachycardia

PHARMACOLOGY AND ACTIONS:

- A. Antiarrhythmic
- B. Prolongation of the myocardial cell-action potential duration & refractory period.
- C. Noncompetitive alpha and beta-adrenergic inhibition.
- D. Blocks sodium channels and, to some extent, the calcium channels.

INDICATIONS:

- A. Refractory sustained ventricular fibrillation/pulseless ventricular tachycardia.
- B. Ventricular Tachycardia with a pulse.

CONTRAINDICATIONS:

- A. None when given in the cardiac arrest setting.

SIDE EFFECTS AND NOTES:

- A. Hypotension
- B. Bradycardia
- C. Congestive heart failure
- D. AV Block
- E. Shaking vials will cause foaming of the medication

ADULT DOSING:

Pulseless rhythms: 300 mg rapid IV/IO push followed by a 10ml NS flush

Rhythm with a pulse: 150 mg in 100ml of NS over 10 minutes IV

PEDIATRIC DOSING:

Vfib/Vtach with/without a pulse: 5 mg/kg