

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.** May repeat at **150 mg rapid IV/IO push followed by a 10 ml NS flush.**

Rhythm with a pulse: **150 mg in 100ml of NS over 10-20 minutes IV**

PEDIATRIC DOSING:

Vfib/Vtach with/without a pulse: **5 mg/kg.** May repeat twice up for a total of 15 mg/kg or the max adult dose.