

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