

Amiodarone (Cordarone®) – 20.055

CLASS: A

PROTOCOL(S) USED IN: Cardiac Arrest VT/ VF, Cardiac Dysrhythmias - 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:

Pregnancy non arrest

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:

VF/Pulseless Vtach

300 mg IV/IO followed by a 10 ml NS flush. May repeat once with
150 mg IV/IO followed by a 10 ml NS flush

Vtach with a pulse

150 mg in 100 ml of NS IV/IO *over 10 min.* May repeat once

PEDIATRIC DOSING:

VF/Pulseless Vtach

5 mg/kg IV/IO. May repeat twice at 5 mg/kg IV/IO, max of 15 mg/kg

Vtach with a pulse

2.5mg/kg IV/IO in 100 ml of NS *over 10 min.* May repeat once