

AMIODARONE (Cordarone®)

Classification: Class III Antiarrhythmic

Action: Prolongs cardiac repolarization. Also has sodium channel blockade, beta adrenergic blockade, and calcium channel blockade effects.

Indications:

1. Cardiac Arrest with Ventricular Fibrillation or Ventricular Tachycardia without Pulses
2. Ventricular Tachycardia with Pulses

Contraindications:

1. **Second Degree Type II Heart Block**
2. **Third Degree Heart Block**
3. **Junctional Bradycardia**
4. **Ventricular ectopy associated with bradycardia.**
5. **Idioventricular rhythm**
6. **Known allergy or sensitivity to Amiodarone.**

Adverse Effects: CNS: Hypotension, Rhythm Disturbances, Bradycardia, CHF, Cardiac Arrest, Shock, Heart Block, SIADH
Respiratory: Respiratory Depression, Pulmonary Toxicity
GI: Vomiting, Hepatotoxicity
Skin: Rash
Integumentary: Anaphylaxis
Musculoskeletal: Rhabdomyolysis
Renal: Acute Renal Failure

Administration: **ADULT DOSE**

Ventricular Fibrillation/ Ventricular Tachycardia without Pulses:

- 300mg (50 mg/ml) IV/IO push; if rhythm persists 5 minutes after initial dose, 150mg IV/IO push refractory dose.

Ventricular Tachycardia with Pulses:

- 150mg IV/IO drip over 10 min; repeat in 5 min to a total of 300mg.

****Add amiodarone to a 100cc bag of Normal Saline with macro drip tubing and mix well.**

PEDIATRIC DOSE**Ventricular Fibrillation/ Ventricular Tachycardia without Pulses:**

- 5mg/kg IV/IO push; repeat every 5 min to a max of 15mg/kg

Ventricular Tachycardia with Pulses:

- 5mg/kg IV/IO over 30 min (using 100cc bag Normal Saline)

****Add Amiodarone to a 100cc bag of Normal Saline with macro drip tubing and mix well.**

Onset: Immediate

Duration: 10-20 Minutes