



**El Dorado County Emergency Medical
Services Agency**
Quick Reference

Revised Date: July 1, 2020

Medication Profile

Amiodarone
(Cordarone)

Class:

Class III antiarrhythmic properties, Class I, II, IV effects

Action:

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

Onset: Immediate

Peak: Immediate

Duration: 10-20 minutes

Adult Administration:

VF/VT (pulseless):

300mg Iv/IO push over 1-2 min.

After 5 minutes 150mg IV/IO push over 1-2min.

VT (with pulses):

150mg IV/IO over 10min

Pediatric Administration:

VF/VT (pulseless):

5mg/kg IV/IO push over 1-2 min. repeat every 5 min to a max of 15mg/kg

VT (with pulses):

5mg/kg IV/IO over 30 min (using 100cc bag NS)

- Using a 100cc bag of NS and micro drip tubing (60gtts/ml): add Amiodarone and mix well. Run at 3gtts/second
- Using a 100cc bag of NS and macro drip tubing (10gtts/ml): add amiodarone and mix well. Run at 1gtt every 2 seconds

Indications:

Cardiac arrest due to V-fib/V-tach
ROSC secondary to V-fib/V-tach
Ventricular Dysrhythmias (V-fib/V-tach)

Contraindications:

Hypersensitivity/allergy

Side Effects:

CNS: Hypotension, rhythm disturbances, bradycardia, cardiac arrest, shock, heart block
RESP: Respiratory depression
GI: Vomiting, hepatotoxicity
SKIN: Rash
INTEG: Anaphylaxis
M/S:

Rhabdomyolysis
RENAL: Acute renal failure

Pregnancy:
Category D

Notes:

- Contact base for ROSC patients
- Consider Amiodarone 150mg IV/IO over 10 min for recurrent VF/VT with periods of ROSC where no antiarrhythmic has yet been given.

Drip Set Up

1. Place 150mg Amiodarone in a 100cc bag of NS and mix well
2. Piggy back bag into IV/IO line using 10gtt (Macro) tubing
3. Run at 1.5 gtts/second. This will = approx. a 10 minute drip