



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

Revised Date: August 15, 2024

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.

May repeat x1 after 5 minutes at 150mg IV/IO push over 1-2min.

VT (with pulses):

150mg in 100cc NS IV/IO over 10min

Pediatric Administration:

VF/VT (pulseless):

5mg/kg IV/IO push over 1-2 min., not to exceed 300mg.

May repeat x1 after 5 minutes at 2.5mg/kg IV/IO push over 1-2min., not to exceed 150mg.

Contact base for additional doses.

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

Contact base for additional doses.

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.