

Medication: Amiodarone	PDN: 6949.01	Last Updated: January 30 2013	PMD: Andrew Travers*	PDC: B Steven Carrigan*	Page 1 of 2
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AMIODARONE

1.0 Classification

- Class III anti-arrhythmic

2.0 Mechanism of Action

- Suppresses automaticity, reduces speed of conduction, and increases AV node refractory period.

3.0 Indications

- VF/VT cardiac arrest unresponsive to CPR, defibrillation and epinephrine
- VT with a pulse
- Runs of VT post cardiac arrest

4.0 Contraindications

- Known hypersensitivity
- Bradycardia (HR less than 60)
- Idioventricular rhythm
- 2° or 3° heart blocks

5.0 Precautions

- Rapid infusion may lead to hypotension.
- Amiodarone should not be administered with other drugs that prolong the QT interval (e.g. lidocaine or procainamide).
- Caution should be used in treating patients with amiodarone who have known hyperkalemia or prolonged QT syndrome. Contact OLMC first prior to administration if time allows.

6.0 Route

- May be given IV/IO

7.0 Dosage

Adult

VF/VT Cardiac Arrest

- 300 mg IV push then 150 mg after 10 minutes if required.

VT with a pulse/runs of VT post cardiac arrest

- 150 mg IV over 10 minutes (15mg/min), repeated q 10 minutes as required.

Pediatric

VF/VT Cardiac Arrest

- 5 mg/kg IV push (maximum dose 300 mg), repeated after 10 minutes if required.

VT with a pulse/runs of VT post cardiac arrest

- 5 mg/kg IV over 20 minutes (maximum dose 300 mg), repeated q 10 minutes as required (maximum total dose of 15 mg/kg).

8.0 Supplied

- 3 mL or 6 mL vials of 50 mg/mL

9.0 May Be Given By

- ACP/CCP

10.0 Adverse Effects

- Dyspnea
- Bradycardia
- Hypotension
- Arrhythmia
- Prolonged QT interval

11.0 Special Notes

- Pregnancy category D [potential benefits may warrant use of the drug in pregnant women despite potential risks (e.g. if it is required in a life-threatening situation)]

12.0 References

- Out-of-Hospital Cardiac Arrest Clinical Practice Guideline
- Adult Arrhythmia Clinical Practice Guideline
- Compendium of Pharmaceuticals and Specialties (CPS)

*Electronically Signed

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