REGIONAL ADULT PARENTERAL DRUG MONOGRAPH

GENERIC NAME
amiodarone

HIGH ALERT DOUBLE CHECK

Effective Date: Dec 2011 **Revised Date:** June 2024	CLASSIFICATION **Antiarrhythmic**	OTHER NAMES **Cordarone**	PAGE 1 of 2

ADMINISTRATION POLICY:

IV Bolus	Administration restricted to nurses under direct supervision of prescriber
IV Intermittent	Administration restricted to nurses experienced in ED/CARDIAC ROOM/ICU/PACU
IV Infusion	Administration restricted to nurses experienced in ED/CARDIAC ROOM/ICU/PACU
Intraosseous (IO)	– Acceptable alternate route
IM Injection	*– Not to be administered*

RECONSTITUTION/DILUTION/ADMINISTRATION:

Available as: 50 mg/mL – 3 mL, 6 mL, 9 mL, 18 mL single use vials

IN-LINE 0.2 MICRON FILTER REQUIRED

IV Bolus: Administer undiluted

IV intermittent (Loading Dose): Pump Library: PVC bag may be used for loading dose ONLY
Line entry in pump=Amiodarone Intermittent

Dose	Volume-VTBI (mL)	Dose Preferred Diluent D5W Bag size volume (mL)	Administration Time (minutes)
150 mg	103	100	10
300 mg (central)	106	100	30
300 mg (peripheral)	256	250	30

IV Infusion: Pump Library: Must be diluted in non-PVC bag. PVC tubing may be used.

Drug Library	**Dose Rate**	**Short Name**	**Care Unit**
Yes	mg/h	amio300	Critical Care
Drug	**Diluent**	**Final Volume (VTBI)**	**Final Concentration**
300 mg (6 mL of 50 mg/mL)	100 mL D5W non-PVC bag	106 mL	2.83 mg/mL
Clinical Advisory: High Alert			
Soft Low Dose Limit: 10 mg/h	Soft High Dose Limit: 60 mg/h		

DOSAGE:

Cardiac arrest only (no filter needed): 300 mg undiluted (preferred) IV Bolus
May be repeated in 3-5 minutes with a dose of 150 mg during cardiac arrest

IV intermittent: 150 mg or 300 mg load

IV continuous: followed by 60 mg/hour x 6 hours (total 360 mg)
then 30 mg/hour x 18 hours (total 540 mg)

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Maximum single dose: 300 mg

Maximum daily dose: 2.1 grams/24 hours

Maximum rate: IV intermittent: 150 mg over 10 minutes or 300 mg over 30 minutes
IV infusion: 60 mg/hour

Maximum concentration: Peripheral: 2.83 mg/mL
Central: 6 mg/mL

STABILITY/COMPATIBILITY:

Stability of Final Admixture: Non-PVC/Non-DHEP (polyolefin, glass, syringe): 24 hours at room temperature
PVC/DHEP bag: 2 hours at room temperature

Compatibility: Compatible with D5W, normal saline

PRECAUTIONS, POTENTIAL ADVERSE REACTIONS:

- Vesicant/ Irritant
- To be used with caution in cases of arterial hypotension, serious respiratory insufficiency, myocardiopathy and severe cardiac insufficiency
- May cause hypotension, bradycardia, thrombophlebitis, hot flushes, sweats or transient nausea after IV injection

ADDITIONAL NOTES AND NURSING CONSIDERATIONS:

- Continuous cardiac and blood pressure monitoring
- Concurrent use of narcotics, benzodiazepines, or agents with hypotensive effects may produce significant hypotension and/or bradyarrhythmia
- An in-line 0.2 micron filter reduces the incidence of phlebitis
- Elderly patients: Initiate therapy at low end of dosing range