

AMIODARONE

THERAPEUTIC EFFECTS	Prolongs myocardial cell action potential duration, refractory period and noncompetitively inhibits alpha and beta adrenergic stimulation.		
INDICATIONS	<ol style="list-style-type: none"> 1. Recurrent ventricular fibrillation or recurrent pulseless ventricular tachycardia 2. Recurrent hemodynamically unstable ventricular tachycardia 3. Stable ventricular tachycardia in consultation with online medical control 		
CONTRAINDICATIONS	Hypersensitivity to Amiodarone or any of its components.*		
PRECAUTIONS/SIDE EFFECTS	May prolong QT interval. Use with caution if renal failure is present. May produce vasodilation and hypotension. May also have a negative inotropic effect.		
ADULT DOSAGE/ROUTE	<p>Indication 1</p> <p>300 mg diluted in 20 ml of NS, IVP/IO. Consider repeating 1 time after 3-5 minutes at 150 mg in 10 ml of NS IVP/IO.</p>	<p>Indication 2</p> <p>150 mg diluted in 10 ml of NS, IV over 10 minutes and may repeat q 10 minutes, as needed[†]</p>	<p>Indication 3</p> <p>150 mg diluted in 10 ml of NS, IV over 10 minutes[‡]</p>
PEDIATRIC DOSAGE/ROUTE	<p>Indication 1</p> <p>5 mg/kg diluted with 4 ml of NS for q 50 mg of amiodarone, IVP/IO. Max single dose of 300 mg. Consider repeating 5 mg/kg IVP/IO q 3-5 minutes to a total dose of 15 mg/kg IV (2.2 gm in adolescents) in 24 hours.</p>	<p>Indication 2,3</p> <p>5 mg/kg diluted with 4 ml of NS for every 50 mg of amiodarone, IV/IO over 20-60 minutes. Maximum single dose of 300 mg. May repeat up to a maximum of 15 mg/kg (2.2 gm in adolescents) in 24 hours.</p>	

*Lidocaine may be substituted for Amiodarone under these circumstances.

[†]The maximum dose of amiodarone IV is 2.2 gm over 24 hours

[‡]To only be used with online medical control consultation