

# AMIODARONE

<b>CLASSIFICATION</b>	Antidysrhythmic
<b>TRADE NAME(S)</b>	Cordarone
<b>DESIRED EFFECTS</b>	Amiodarone is a class III antidysrhythmic agent used to treat supraventricular and ventricular dysrhythmias
<b>MECHANISM OF ACTION</b>	Acts directly on the myocardium to delay repolarization and increase the duration of the action potential. Also depresses automaticity of both the SA and AV nodes directly and slows conduction in the His-Purkinje system and in the accessory pathway of patients with WPW. Relaxes smooth and cardiac muscle, causing decreases in coronary and peripheral vascular resistance, left ventricular end-diastolic pressure and systolic pressure, thereby decreasing afterload.
<b>INDICATIONS</b>	<ul style="list-style-type: none"> <li>• Ventricular fibrillation / Pulseless Ventricular Tachycardia</li> <li>• Wide Complex Tachycardias</li> </ul>
<b>CONTRAINDICATIONS</b>	<ul style="list-style-type: none"> <li>• Known hypersensitivity</li> <li>• Cardiogenic shock</li> <li>• Second or third degree AV block</li> <li>• Marked sinus bradycardia</li> </ul>
<b>ADVERSE REACTIONS</b>	<ul style="list-style-type: none"> <li>• Hypotension is most commonly reported side effect</li> <li>• Arrhythmias, heart block, sinus arrest</li> <li>• Heart failure</li> <li>• Ataxia, tremor, dizziness</li> <li>• Exacerbation of asthma</li> </ul>
<b>DRUG INTERACTIONS</b>	Amiodarone significantly increases digoxin levels and enhances pharmacologic effects and toxicities of lidocaine.
<b>PRECAUTIONS</b>	Should be used with caution in patients with lat or manifest heart failure
<b>SPECIAL CONSIDERATIONS</b>	Amiodarone in patients with a pulse must be diluted and administered slowly

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<b>DOSING REGIMEN</b>	<ul style="list-style-type: none"> <li>• <b>Adult</b> <ul style="list-style-type: none"> <li>○ <u>VF / Pulseless VT</u>: 300 mg diluted in 20-30 ml normal saline IVP. If condition unchanged administer second dose of 150 mg in 20-30 ml normal saline IVP.</li> <li>○ Consider in <u>Wide Complex Tachycardia</u>: 150 mg diluted in 20-30 normal saline slow IVP over 10 minutes.</li> </ul> </li> </ul> <hr/> <ul style="list-style-type: none"> <li>• <b>Pediatric</b> <ul style="list-style-type: none"> <li>○ <u>VF / Pulseless VT</u>: 5 mg/kg diluted in 20-30 ml normal saline IVP may repeat 2 times</li> <li>○ Consider in <u>Wide Complex Tachycardia</u>: 5 mg/kg diluted in 20-30 ml normal saline IV/IO over 10 minutes</li> </ul> </li> </ul>
<b>PROTOCOL LOCATION</b>	<ul style="list-style-type: none"> <li>• <a href="#">Cardiac Arrest</a></li> <li>• <a href="#">Dysrhythmias</a></li> </ul>