AMIODARONE (CORDARONE)

PHARMACOLOGY & MECHANISM OF ACTIONS:
- Antiarrhythmic
- Effects sodium, potassium, calcium channels, as well as alpha and beta adrenergic blocking properties
- Prolongs the action potential and refractory period in myocardial tissue
- Depresses automaticity of the sinoatrial node
- Increases atrial and ventricular refactoriness and prolongs QT interval
- Rapidly distributed
- Half life up to 40 days

INDICATIONS:
- Cardiac arrest (shockable rhythm: VFib, VTach)
- Refractory Vfib or Vtach in cardiac arrest
- Stable, perfusing Ventricular Tachycardia

CONTRAINDICATIONS:
- 2nd and 3rd degree heart block
- Bradycardia
- Hypersensitivity to Amiodarone

ADMINISTRATION:

<table>
<thead>
<tr>
<th>ADULT</th>
<th>PEDIATRIC</th>
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<tbody>
<tr>
<td><strong>V - FIB OR V - TACH IN CARDIAC ARREST</strong></td>
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<tr>
<td>- 300 mg diluted in 20 mL NS IV/IO</td>
<td>- 5 mg/kg IV/IO diluted in NS (max. dose 300 mg)</td>
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<td>- May repeat in 5 minutes x 1 at 150 mg diluted in 20 mL NS IV/IO</td>
<td>- Contact OLMC for additional dosing</td>
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<td><strong>STABLE PERFUSING V - TACH</strong></td>
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<tr>
<td>- 150 mg IV/IO drip @ 15mg/min</td>
<td>- 5 mg/kg over 20 to 60 minutes after OLMC consultation</td>
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<td>- Follow with 1mg/min maintenance drip.</td>
<td>- Max. single dose 150 mg</td>
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PRECAUTIONS & SIDE EFFECTS:
- Hypotension
- Prolonged QT interval
- Proarrhythmic (Torsades, VFib)
- Severe bradycardia
- Atrioventricular block
- Use with caution in patients with CHF.
- Adverse effects may be long lasting because the half-life is up to 40 days.
SPECIAL NOTES:

- Pregnancy Category D.
- Peripheral vein IV infusion concentrations should not exceed 3 mg/mL. Can cause phlebitis if greater than 3 mg/mL.
- Amiodarone should be administered slowly to a patient with a pulse but may be given rapidly to a patient in cardiac arrest.