

CARDIZEM (DILTIAZEM)

Description

Cardizem is a non-dihydropyridine calcium-channel blocker. Cardizem inhibits the extracellular calcium ion influx across myocardial and vascular smooth muscle cell membranes, resulting in inhibition of cardiac and smooth muscle contraction and main coronary and systemic artery dilation. Cardizem acts principally at the AV Node, with little effect on the SA Node.

Onset & Duration

- Onset: 3 minutes
 - Duration: 3-4 hours
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Indications

- Atrial fibrillation, Atrial flutter, PSVT (Symptomatic for all)
 - SVT associated with hyperthyroidism
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Contraindications

- Do not administer concurrently with Dantrolene (Synergic reaction)
 - Do not administer with Lomitapide (Juxtapid)
 - Sick sinus syndrome (unless pacemaker is in place)
 - 2nd or 3rd degree AV block (unless pacemaker is in place)
 - Severe hypotension (<90 mm Hg systolic)
 - IV Beta blockers within 4 hours
 - Cardiogenic shock
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Adverse Reactions

- Hypotension
 - Cardiac rhythm disturbances
 - Angina
 - Palpitations
 - Headache and peripheral edema
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Drug Interactions

- Extensive list of drug interactions
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Dosage and Administration**Adult:**

- 0.25 mg/kg IV over 2 minutes. (Maximum Single Dose: 25 mg)
- May repeat IV bolus 0.35 mg/kg actual body weight over 2 minutes
- (Maximum Single Dose: 25 mg)

Continuous Infusion: 5-15 mg/hr IV (Max Dose: 15 mg/hr up to 24 hours)
