

## FORMULARY

### Diltiazem (Cardizem)

<b>Class of Drug</b>	Calcium Channel Blocker
<b>Mechanism of Action</b>	Blocks influx of calcium ions into cardiac muscle Arterial and venous vasodilator Reduces pre-load and afterload Reduces myocardial oxygen demand
<b>Indications</b>	Atrial flutter / atrial fibrillation with rapid ventricular rates
<b>Contraindications</b>	Wide complex tachycardia Sick sinus syndrome Cardiogenic shock
<b>Adverse Effects</b>	Bradycardia, second or third-degree AV blocks, chest pain, CHF, syncope, V-fib, V-tach, nausea, vomiting, dizziness, dry mouth, dyspnea, headache.
<b>Precautions</b>	Use with caution in patients with renal or hepatic dysfunction
<b>Dosing/Administration</b>	Adult: Initial Bolus: 0.25 mg/kg (average dose 20 mg) IV/IO over 2 minutes. If inadequate response, may re-bolus in 15 minutes: 0.35 mg/kg IV/IO over 2 minutes. Continuous Infusion: 5-15 mg/hr if patient responds well to bolus  Pediatric: Not recommended
<b>Pregnancy Category</b>	<b>Class C</b> Uncertain safety – animal studies show adverse effect but no human studies exist