DILTIAZEM [CARDIZEM]

DRUG CLASSIFICATION	Non-Dihydropyridine Calcium-Channel Blocker Class IV Antiarrhythmic Agent Antihypertensive Agent
MECHANISM OF ACTION	Inhibits calcium ions from entering slow channels or select voltage-sensitive areas of vascular smooth muscle and myocardium during depolarization, lowering calcium overall levels, promoting relaxation of coronary vascular smooth muscle and coronary vasodilation, decreasing myocardial contractility, peripheral arterial resistance, and cardiac output, ultimately improving oxygen delivery to the myocardial tissue of patients with vasospastic angina.
CLINICAL INDICATIONS	Supraventricular Tachydysrhythmias (i.e. Atrial Fibrillation, Atrial Flutter, SVT Refractory to Adenosine)
STANDARD CONTRAINDICATIONS	Hypersensitivity to Diltiazem or Relative Components Sick Sinus Syndrome (Without Functioning Artificial Pacemaker Present) Second- or Third-degree AV Heart Block (Without Functioning Artificial Pacemaker Present) History or Presence of Accessory Pathway; Wolff-Parkinson-White Syndrome (WPW) Severe Hypotension or Cardiogenic Shock Wide QRS-Complex / Ventricular Tachycardia
POTENTIAL ADVERSE EFFECTS	Peripheral Edema **/** Hypotension **/** Bradycardia **/** Bundle-Branch Block **/** Complete AV Block **/** Cardiac Arrhythmia
GENERAL RISKS & PRECAUTION	**1)** Use with caution for patients with hepatic impairment. **2)** Use with caution in patients with left ventricular dysfunction as negative inotropic effects may worsen condition. **3)** Avoid use in patients with conditions associated with heart failure due to an increased risk for worsened outcome with calcium-channel blockers.
PROTOCOL INDEX	Adult Tachycardia Narrow (AC-6)

MEDICATION ADMINISTRATION

ADULT	PEDIATRIC
Irregular Narrow-Complex Supraventricular Tachycardia (QRS ≤ 0.11 seconds) 0.25 mg / kg [IV/IO] over 2-3 minutes (Maximum Single Dose: 25 mg) *If Improvement does not occur within 15 minutes, proceed with repeat dose:* 0.35 mg / kg [IV/IO] over 2-3 minutes (Maximum Single Dose: 25 mg)	**CONTRAINDICATED**