

**CLASS: A**

**PROTOCOL(S) USED IN: Cardiac Dysrhythmia Tachycardia**

**PHARMACOLOGY AND ACTIONS:**

A calcium channel blocker that inhibits calcium ion influx across cardiac and smooth muscle cells, decreasing myocardium contractility and oxygen demand.

**INDICATIONS:**

- A. Rapid atrial fibrillation or atrial flutter.

**CONTRAINDICATIONS:**

- A. Sick sinus syndrome or second or third degree AV block in the absence of an artificial pacemaker.
- B. Systolic BP below 90 mmHg.
- C. Wolff-Parkinson-White Syndrome or patients with ventricular tachycardia.

**SIDE EFFECTS AND NOTES:**

- A. Headache, dizziness
- B. Arrhythmias, bradycardia, heart failure, AV block-abnormal ECG.
- C. Hypotension, flushing
- D. Nausea, constipation, abdominal discomfort

**ADULT DOSING:**

- A. **0.25mg/kg** slow IV push.
- B. If no response, **0.35mg/kg** slow IV push after 15 minutes.

**PEDIATRIC DOSING:**

**NONE**