**Class and Action:** Calcium channel blocker. Works on blocking calcium channels specifically in the cardiac and smooth muscles. On the cardiac muscles it will slow AV conduction time as well as prolong the AV nodal refractory period.

**Indications:** Narrow complex a-fib or a-flutter with a rapid ventricular response. SVT.

**Contraindications:** Use with caution if pt is taking beta blockers, hypotension, known SSS or WPW, delta waves, V-tach, and sensitivity.

**Side Effects:** Hypotension, bradycardia, AV block and a-flutter

**Drug Interactions:** Beta blockers can increase risk of bradycardia as well as either the blocker or Diltiazem can cause a toxicity on the other.

**Onset, Duration, and Routes:** Onset is 3 minutes with a duration of 1-3 hours after bolus and 0.5-1.0 hours discontinuing an IV infusion. Route is IV/IO.

**Adult Dose:**
- 0.25 mg/kg IV/IO over 2 minutes, max 20 mg
- Repeat dose 0.35 mg/kg IV/IO over 2 minutes, max 25 mg
- Infusion 5-15 mg/hr

**Pediatric Dose:**
- Not indicated

**WDM EMS Protocols:**
B1. Atrial Fibrillation/Flutter - Interfacility only

**Special Considerations:**
- Stop infusion and do not administer if SBP <90 mmHg

Protocol: H12. Diltiazem
Date of Most Recent Update: 6/2020