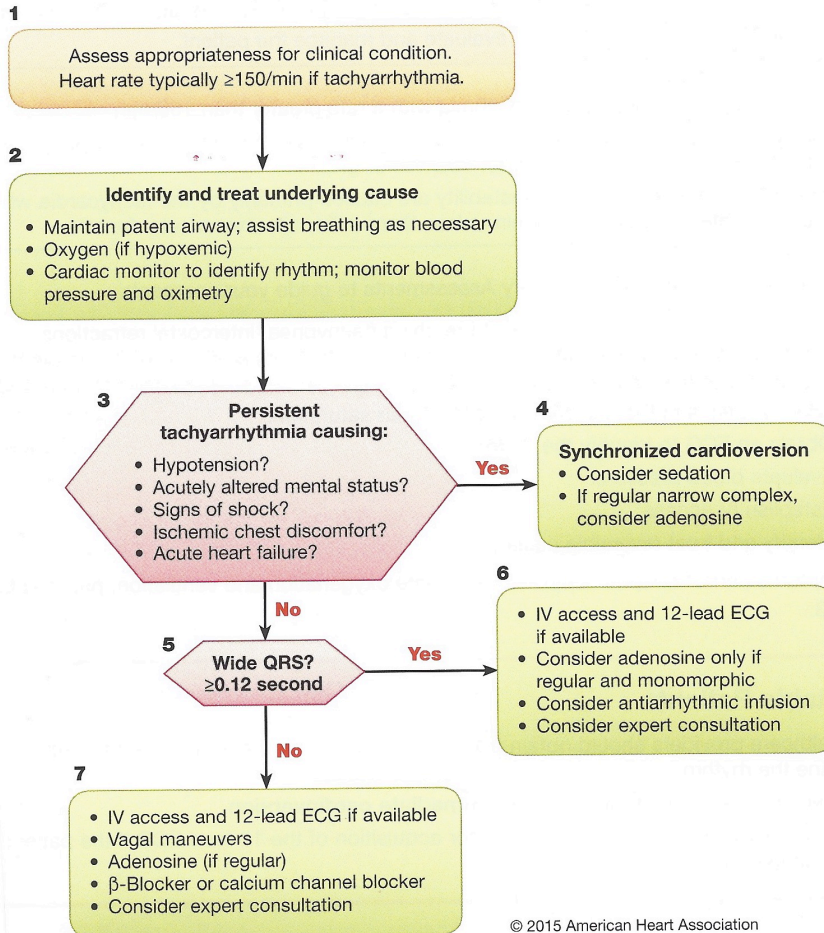


**MEHLVILLE FIRE PROTECTION DISTRICT
EMERGENCY MEDICAL SERVICES
GUIDELINES FOR PREHOSPITAL EMERGENCY CARE**

**SUBJECT: 700.08
CARDIAC EMERGENCIES:
TACHYCARDIA WITH PULSE**

**ORIGINAL ISSUE 5/08
LATEST REVISION 11/16**

Adult Tachycardia With a Pulse Algorithm



Doses/Details
<p>Synchronized cardioversion: Initial recommended doses:</p> <ul style="list-style-type: none"> • Narrow regular: 50-100 J • Narrow irregular: 120-200 J biphasic or 200 J monophasic • Wide regular: 100 J • Wide irregular: defibrillation dose (not synchronized) <p>Adenosine IV dose: First dose: 6 mg rapid IV push; follow with NS flush. Second dose: 12 mg if required.</p>
<p>Antiarrhythmic Infusions for Stable Wide-QRS Tachycardia</p> <p>Procainamide IV dose: 20-50 mg/min until arrhythmia suppressed, hypotension ensues, QRS duration increases >50%, or maximum dose 17 mg/kg given. Maintenance infusion: 1-4 mg/min. Avoid if prolonged QT or CHF.</p> <p>Amiodarone IV dose: First dose: 150 mg over 10 minutes. Repeat as needed if VT recurs. Follow by maintenance infusion of 1 mg/min for first 6 hours.</p> <p>Sotalol IV dose: 100 mg (1.5 mg/kg) over 5 minutes. Avoid if prolonged QT.</p>