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CAUTION RHYTHM

Ventricular Rhythm Review

VENTRICULAR TACHYCARDIA INTERVENTIONS Without Pulse

· Use the Ventricular Fibrillation algorithm for treatment

With Pulse

- Oxygen if oxygenation is not adequate Synchronized cardioversion
- Adenosine (regular and monomorphic V Tach) Antiarrhythmics (Amiodarone)
- Lidocaine

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Ventricular Rhythm Review VENTRICULAR TACHYCARDIA INTERVENTIONS

ADENOSINE

First drug of choice for stable narrow-complex Supraventricular Tachycardia (may be considered for unstable narrow-complex while preparations are made for cardioversion)



Does not convert atrial fibrillation, atrial flutter, or Ventricular Tachycardia

ADENOSINE DOSING

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- Patient placed in mild reverse Trendelenburg position
- Initial bolus of 6 mg given rapidly over 1 to 3 seconds followed by Normal Saline 20 mL. Elevate the extremity.
- Second dose of 12 mg IV push over 1 to 2 minutes if needed





Ventricular Rhythm Review

VENTRICULAR TACHYCARDIA INTERVENTIONS

 Can cause toxicity, used in patients with life-threatening arrhythmias when administered with sufficient monitoring: Ventricular Fibrillation, Ventricular Tachycardia unr CPR, and a vasopressor Hemodynamically unstable Ventricular Tachycardia

Maximum of 2.2 grams IV over 24 hours Rapid infusion: 150 mg IV over 10 minutes (15 mg/min), may repeat every 10 minutes PRN

Slow infusion: 360 mg IV over 6 hours (1 mg/min)

Maintenance infusion: 540 mg IV over 18 hours (0.5 mg/min)

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