**Learning Stations**

**SVT (Supraventricular Tachycardia) *Fast, Regular, Narrow***



**Stable:**

\* Vagal Maneuvers

\* Adenosine 6mg

\* Adenosine 12mg

**Unstable:**

Cardioversion 50J, 100J, 150J, 200J

**V-TACH *WITH A PULSE* (Ventricular Tachycardia) *Fast, Regular, Wide***



**Stable:**

Call for consult\*

**Unstable:**

Cardioversion 50J, 100J, 150J, 200J

**Torsade De Pointes (Irregular V-Tac)** ***Fast, Irregular, Wide***



**\*** Magnesium Sulphate - 1-2 Grams

**\*** Unsynchronized Cardioversion (Defibrillation)

**V-Fib (Ventricular Fibrillation) or pVT (Pulseless V-Tach) are *NOT* organized rhythms**

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* **Check it**
* **Shock it**
* **CPR it**
* **Drug it**



\* Defibrillate 200J

\* CPR

\* **EPI 1 mg**

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* 2 minutes

\* Defibrillate 200J

\* CPR

\* **Amiodarone 300 mg**

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* 2 minutes

\* Defibrillate 200J

\* CPR

\* **EPI 1 mg**

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* 2 minutes

\* Defibrillate 200J

\* CPR

\* **Amiodarone 150 mg**

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* 2 minutes

\* High Quality CPR

\* **EPI every 4 minutes**

\* Consider Intubation

\* **ROSC?** Consider Hypothermia (32-36 C for at least 24 hours)

 **Asystole PEA** (**P**ush **E**pi **A**lways)

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**Treatments:**

* Check it
* CPR it
* Drug it (EPI only)

\* High quality CPR

\* EPI every 4 minutes

***\* NO Amiodarone***

*\** ***Non-shockable!!!***

**Bradycardias (Less than 50 BPM)**

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**Stable:** Monitor/Observe

**Unstable:** Atropine 1.0 mg (3 mg max) *NOT for 3rd degree HB*

\* Dopamine Infusion 5-20 mcg/kg/min

\* Epinephrine 2-10 mcg/min

\* Pacing

\*Treatment sequence based on symptoms

**Heart Block Recognition Tips**

**First Degree** (If your R’s are far from P’s, you probably have a First Degree)



**Second Degree Type 1, Mobitz 1, Wenckebach** (Long, long, longer drop- must be a Wenckebach)



**Second Degree Type 2, Mobitz 2** (If you see a P that doesn’t have a Q, you probably have a Mobitz 2)



**Third Degree Heart Block** (If your P’s and Q’s do not agree, you probably have a 3rd degree)



