

- 1 **Normal Sinus rhythm:** 60-100 BPM, All cardiac intervals normal; monitor vital signs, check B.P
- 2 **Sinus Arrhythmia:**60-100 BPM, All intervals normal except R-R; monitor vital Signs
- 3 **Sinus bradycardia:** (normal,slow),<60BPM; monitor vital signs, check B/P Tx underlying condition
- 4 **Sinus Tachycardia:**100-160 BPM, All intervals except CR within normal limits; Monitor vitals, check BP, Tx underlying condition
- 5 **Premature Atrial Contractions:** (early ectopic atrial activity), usually 60-100 BPM, PAC's occur in the context of other rhythms, P waves look abnormal – may be small or peaked, QRS may be normal or conducted differently, P-R intervals may vary – usually shorter; Monitor vital signs – watch for rhythm change – no other tx necessary
- 6 **Premature Ventricular Contractions:** ectopic beats that occur in the context of other rhythms, it is a wide, bizarre, early, different-looking complex, **unifocal** each is the same; if **multifocal** each may vary; Intervals may vary, no P waves prior to PVC's ; monitor vital signs – watch for runs of PVC's or change in rhythm
- 7 **Atrial Flutter:** very rapid atrial rate (f waves instead of P waves) 240-360 BPM baseline is f waves and intermittently conducted QRS's, there is a saw tooth pattern, Intervals cannot be measured – no P wave, QRS's usually within normal limits, T waves usually cannot be seen; Tx if symptomatic – see ACLS algorithm
- 8 **Atrial fibrillation:** Uncoordinated fast atrial activity, baseline CR is 350-600 BPM

Beats may be coarse or too fine/small to count, No **P** waves atrial fibrillation had **f** waves AKA fibrillatory waves; Tx if unstable/symptomatic – see ACLS algorithm

9 **Supraventricular Tachycardia**

10 **Ventricular Tachycardia**

11 **Ventricular Fibrillation**

12 **Junctional (Nodal) Rhythm**

13 **Asystole**

14 **First Degree AV Heart Block**

15 **Second Degree Heart Block, Mobitz Type I (Wenckebach)**

16 **Second Degree Heart Block Mobitz Type II**

17 **Third Degree AV Heart Block: Complete Heart Block**

18 **Junctional Rhythm rate of 40 BPM**

19 **Pacemaker With 1:1 Capture**