

## **Normal Sinus Rhythm**

1. Originates in SA node  
Rhythm:  
Rate:  
P wave:  
PR Interval:  
QRS Duration:

## **Sinus Arrhythmia**

1. Originates in SA node  
Rhythm:  
Rate:  
P wave:  
PR Interval:  
QRS Duration:
2. Causes:
  
  
  
  
  
  
  
  
  
3. Treatment:

## **Sinus Bradycardia**

1. Originates in SA node  
Rhythm:  
Rate:  
P wave:  
PR Interval:  
QRS Duration:
2. Causes:
  
  
  
  
  
  
  
  
  
3. Treatment:

## **Sinus Tachycardia**

1. Originates in SA node  
Rhythm:  
Rate:  
P wave:  
PR Interval:  
QRS Duration:
2. Causes:
  
  
  
  
  
  
  
  
  
  
3. Treatment:

## **Premature Atrial Contractions**

1. Originates in atrial tissue  
Rhythm:  
Rate:  
P wave:  
PR Interval:  
QRS Duration:
2. Causes:
  
  
  
  
  
  
  
  
  
  
3. Treatment:

## **Atrial Fibrillation**

1. Originates in atrial tissue, changing axis of atrial depolarization  
Rhythm:  
Rate:  
P wave:  
PR Interval:  
QRS Duration:
2. Causes:
  
  
  
  
  
  
  
  
  
  
3. Treatment:

## **Atrial Flutter**

1. Originates in atrial tissue, changing axis of atrial depolarization  
Rhythm:  
Rate:  
P wave:  
PR Interval:  
QRS Duration:
2. Causes:
  
3. Treatment:

## **Supraventricular Tachycardia**

1. Originates in atrial tissue, abrupt onset and termination  
Rhythm:  
Rate:  
P wave:  
PR Interval:  
QRS Duration:
2. Causes:
  
3. Treatment:

## **Premature Ventricular Contractions**

1. Originates in ventricular tissue  
Rhythm:  
Rate:  
P wave:  
PR Interval:  
QRS Duration:
2. Causes:
  
3. Treatment:

## **Ventricular Tachycardia**

1. Originates in ventricular tissue – repetitive firing of an irritable ventricular ectopic foci  
Rhythm:  
Rate:  
P wave:  
PR Interval:  
QRS Duration:
2. Causes:
  
3. Treatment:

## **Ventricular Fibrillation**

1. Originates from multiple ventricular irritable foci  
Rhythm:  
Rate:  
P wave:  
PR Interval:  
QRS Duration:
2. Causes:
  
3. Treatment:

## **Ventricular Standstill - Asystole**

1. Rhythm – Atrial rhythm is regular, if present. Ventricular rhythm absent  
Rate:  
P wave:  
PR Interval:  
QRS Duration:
2. Causes:
  
  
3. Treatment:

**First Degree A-V Heart Block** - all impulses conducted through AV node, but at a slower rate.

1. Originates in AV node  
Rhythm:  
Rate:  
P wave:  
PR Interval:  
QRS Duration:
2. Causes:
  
  
3. Treatment:

## **Second Degree A-V Heart Block – Mobitz Type I Wenckebach**

1. Originates in AV node  
Rhythm:  
Rate:  
P wave:  
PR Interval:  
QRS Duration:
2. Causes:
  
  
3. Treatment:

## **Second Degree A-V Heart Block – Mobitz Type II**

1. Originates below the AV node  
Rhythm:  
Rate:  
P wave:  
PR Interval:  
QRS Duration:
2. Causes:
  
3. Treatment :

## **Third Degree A-V Heart Block**

1. Absence of conduction between atria and ventricles.  
Complete atrial-ventricular dissociation  
Rhythm:  
Rate:  
P wave:  
PR Interval:  
QRS Duration:
2. Causes:
  
3. Treatment: