

Cardiac Dysrhythmia 9-24

- Vessels coming off aorta
 - Brachiocephalic
 - Left common carotid
 - Left subclavian
- 2 semilunar valves
 - Pulmonary
 - Aorta
- 2 AV valves
 - Tricuspid
 - Bicuspid/mitral
- SA node → interatrial pathway → AV node → Bundle of His → right/left bundle
branch → Purkinje fibers (know how to spell)
- SA → AV = P wave
- QRS
 - Q- negative deflection before R
 - S- negative deflection after R
- P wave- atrial depolarization
- QRS- ventricular depolarization
- T wave- ventricular repolarization
- ST segment- 0.006 after J point
- V₁- 4th intercostal space, right sternum (4 ICS RSB)
- V₂ – 4ICS LSB
- Angle of Louis- second rib

Exam Review

- What food is EKG- electrical activity
- If heart stops, what do you need to get- Automatic External Defibrillator (AED)
- Ethics are, paper they make you sign- HIPAA (Health Insurance Portability Accountability Act)
- Implied Consent- need in order to perform EKG
- Layers of heart- Pericardium, Epicardium, Myocardium, Endocardium
- Number of chambers in heart- 2 on top, 2 on bottom
- First vessels off branch of aorta- coronary arteries
- Know definitions of
 - Systole, Diastole, Cardiac Output, Stroke volume, automaticity, conductivity, excitability, contractility

- Parasympathetic- slows down HR (Vagus)
- Sympathetic- increases HR
- 25 mm/s (speed of EKG strip)
- 10 leads for 12-lead EKG
- Know
 - Bradycardia, tachycardia, sinus arrest, sinus block
 - Bigeminy, trigemini, quadrageminy, coupling
- Reading EKG
 - P for every QRS
 - Rate for rhythm
 - regularity

