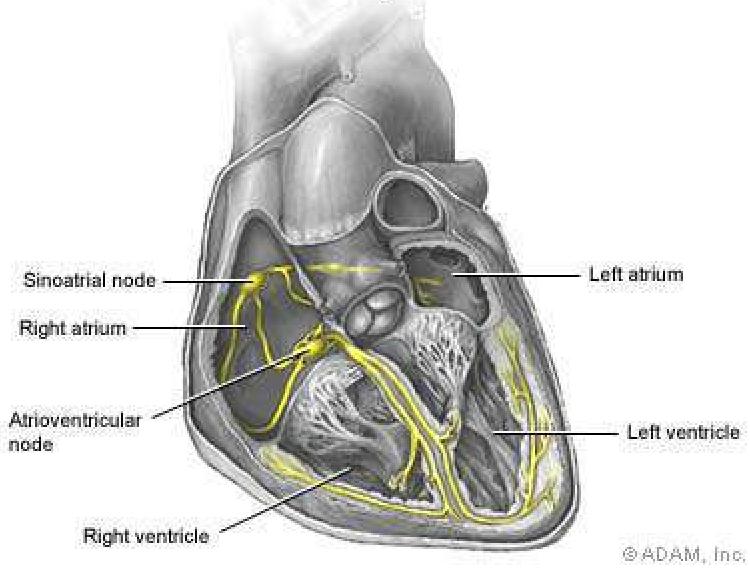
Electrical Conduction of the Heart

Intrinsic conduction system of the heart



The Node: SA Node

- •Establishes the ____, also called the natural pacemaker of the heart
- Located in the posterior wall of the

•Electrical _____ from the SA node starts each wave of muscle ____ in the

Node: AV Node The from the SA node travel to the AV node Located on the floor of the near the

 Once the electrical impulse goes through the AV node it then travels to the •The bundle of His, named after Wilhelm His Jr. (19th century Swiss MD)

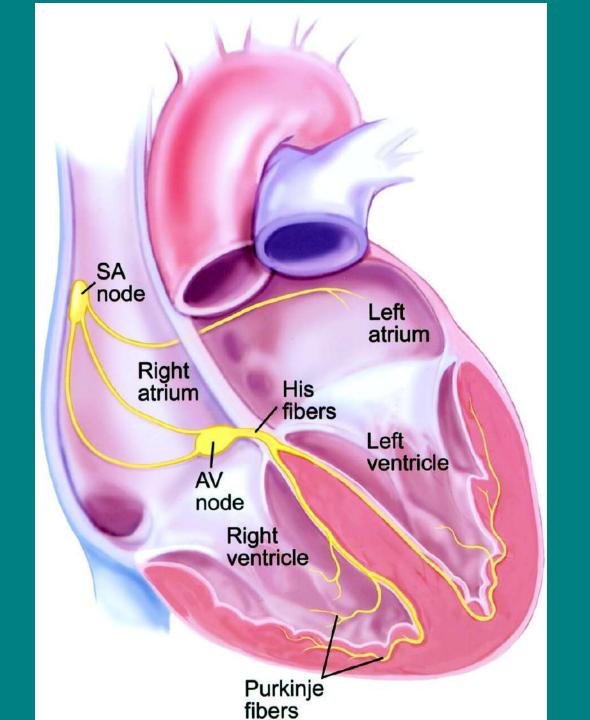
Located within the _____

 Branches of the Bundle of carry impulses to the Right and Left Ventricles and to the

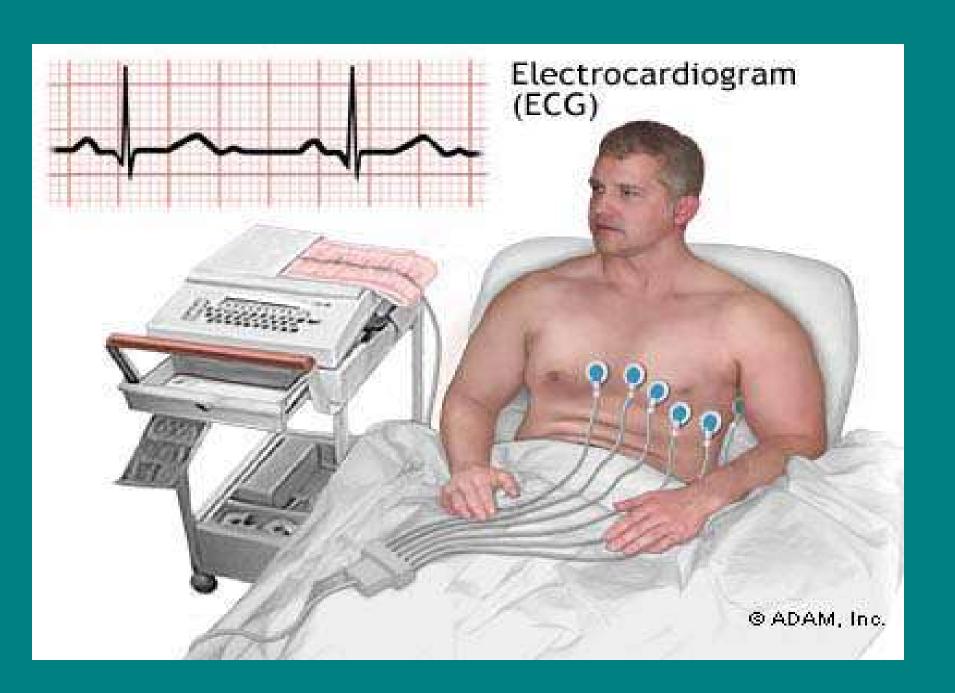
Purkinje Fibers

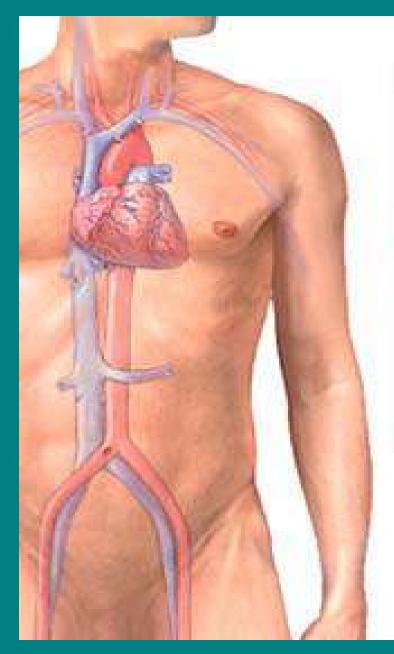
Purkinje fibers named after
 Johannes Purkinje a 19th century physiologist

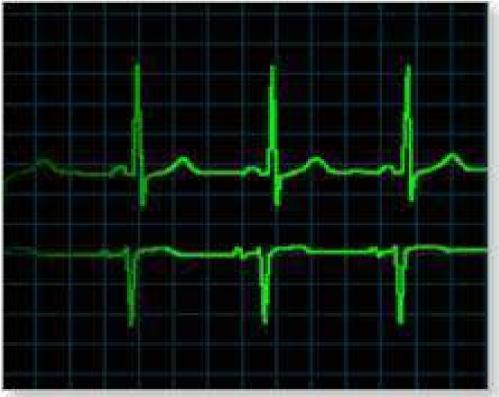
Causes the to simultaneously forcing the aorta and	_ to		
		into	



https://www.youtube.com/watch?v=fZT9vlbL2uA







Normal heart rhythm

Sinus bradycardia



Ventricular tachycardia

