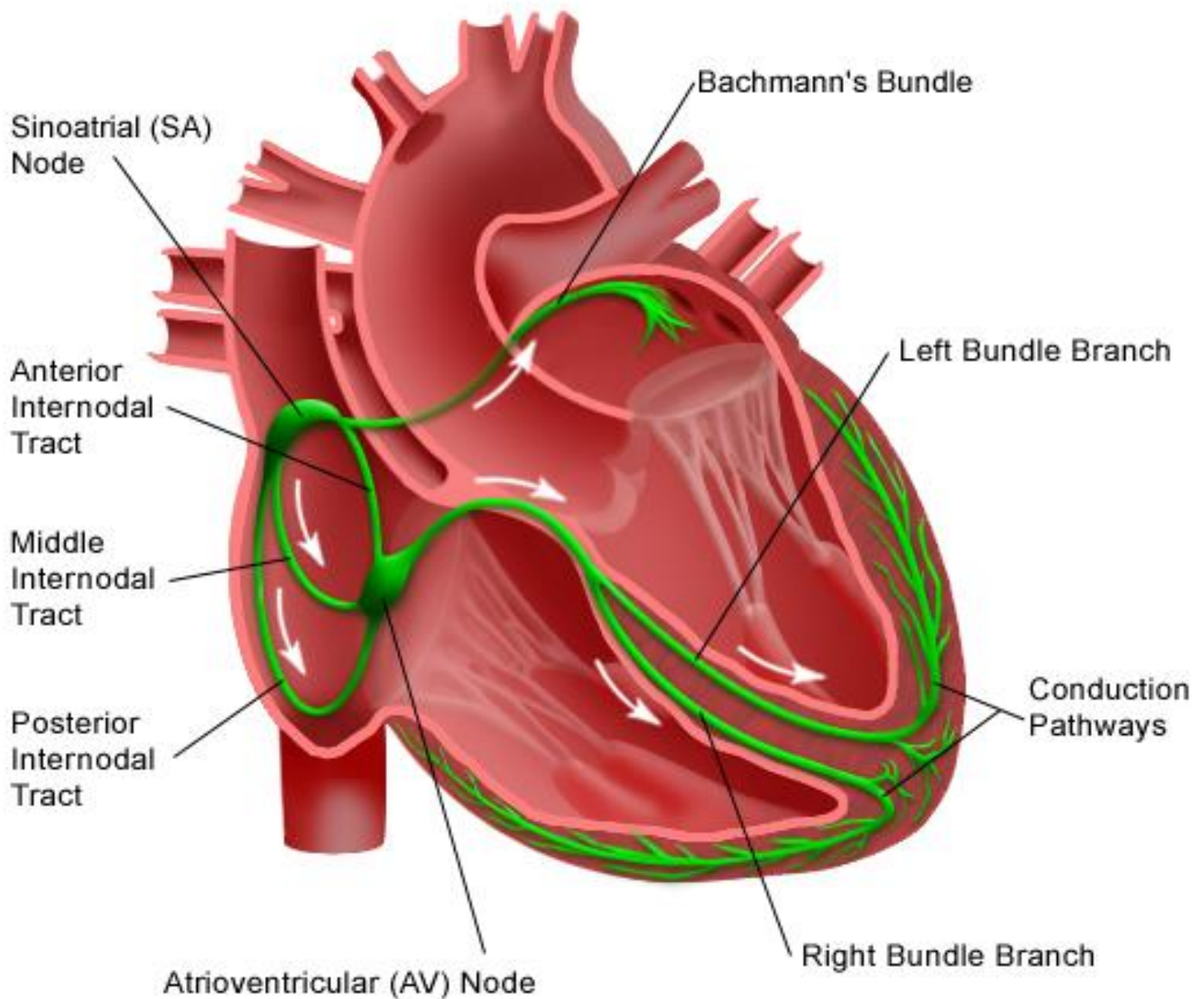


EMC114

Basic Arrhythmia Recognition

Instructor: Mike Kelley
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Only

Electrical System of the Heart



Overview

Upon completion of this class, the student will be able to identify structures of the heart and their basic function, describe the cardiac cycle, conduct a basic rhythm strip analysis, identify approximately 25 arrhythmias and discuss possible Nursing/First Responder/EMT medical interventions.

Goals

Refer to class schedule for class topic

Topics and Scope

1. Overview-Cardiac Anatomy/Physiology, Blood Supply, Cardiac Conduction System
2. Monitors and Lead Placement
3. EKG Interpretation-Waveforms and measurements, Analysis of EKG rhythm strips
4. Cardiac Rhythms including Sinus, Atrial, Junctional and AV Blocks, Ventricular, and Pacemakers

Evaluation

1. Read chapters associated with each module
2. Identify and complete 25 rhythm strips per class module with active **completion and submission** of rhythms in textbook
3. Successful completion of all exams

Materials

ECG Workout-Exercises in Arrhythmia interpretation, Seventh Ed.

Calipers

Exams-Refer to Class Schedule

Quiz-#1 - 5% of total grade

Quiz #2 - 10% of total grade

Quiz #3 – 15% of total grade

Midterm - 20% of total grade

Final Exam - 50% of total grade