

Exercise 31

Conduction System of the Heart and Electrocardiography

Eighth Edition

Objectives: 1-4

Intrinsic Conduction System

- understand how the depolarization wave travels through the heart
- SA and AV node, bundle of His, bundle branches, Purkinje fibers
- know figure 31.1 Intrinsic Conduction System

Electrocardiography

- read this section completely
- pay attention to the bold faced words in the text
electrocardiogram, electrocardiograph, P and T wave, QRS complex,
tachycardia, bradycardia, fibrillation
- be able to read an ECG and label the deflection waves
- know what event causes each wave
- be able to draw, label, and explain the waves of an ECG
- know figure 31.2 Normal Electrocardiogram

Understanding the Standard Limb Leads

- Full reading comprehension only.

Lab Activities

- Video demonstration
- To prepare for this lesson, answer questions 1-7, Review Sheet pages 613-615
(To answer question #3 refer to your lecture textbook.)