

Lab 4

Frog Cardiovascular Physiology:

**PhysioEx -Exercise 34B or
Chapter 18 Frog
Cardiovascular Physiology in
Mastering A&P**

Human Cardiovascular Physiology: Blood Pressure and Pulse Determinations - Exercise 33A

Do this Part at Home – you already saw the first two experiments, this looks at the third.

Hormonal Action – Movie - Endocrinology Experiments

To access the movie online (via DSL or cable)
Massasoit Home Page
Massasoit onDemand
Course Media
Linda Kollett Anatomy and Physiology Audio/Video
Banner Login and Password
Anatomy and Physiology Video Clips
Endocrinology Experiments
View the experiment on Epinephrine and Acetylcholine

Do this Part in Lab - Frog Physiology – This uses PhysioEx. Access it from the disc in your lab manual or online at Mastering A&P. If you do not have the lab manual, instruction sheets are available at the front desk.

- Activity 1: Recording Baseline Heart Activity, 1, 2
- Activity 2: Investigating the Refractory Period of Cardiac Muscle, 4 only
- Activity 3: Examining the Effect of Vagus Nerve Stimulation, 1, 2, 3, 4, 5
- Activity 4: Assessing the Effect of Temperature 1, 2, 3, 4, 5, 6
- Activity 5: Assessing the Effect of Pilocarpine 1, 2, 3, 4, 5, 6
- Activity 6: Assessing the Effect of Atropine, 1, 2, 3, 4, 5
- Activity 7: Assessing the Effect of Epinephrine, 1, 2, 3, 4, 5
- Activity 8: Assessing the Effect of Digitalis, 1, 2, 3, 4, and 5

Human Physiology

- Activity 1: Auscultating Heart Sounds, 1, 2, and 3
- Activity 2: Palpating Superficial Pulse Points
- Activity 5: Using a Sphygmomanometer to Measure Arterial Blood Pressure Indirectly, 1, 2, 3, 4, 5, 6