

Heart Sounds Lab




Objective: To identify the four heart sounds including, pulmonic, aortic sounds and the semilunar sounds. Students will also understand the landmarks associated with these sounds based off the anatomy of the heart

Materials

Stethoscope
Notebooks
Pen/ Pencil

Procedure:

- Land marks
 - Aortic Sounds: 2nd intercostal space on right side of sternum
 - Pulmonic Sounds: 2nd intercostal space on left side chest
 - Tricuspid Sounds: Tip of sternum
 - Bicuspid Sounds: 5th intercostal space at Nipple line
 - Lungs: check lungs on back (example in class)
1. Using the land marks provided first attempt to listen to the Aortic sounds then listen to the Pulmonic sounds. Listen to each sound for 30-60 seconds. Note how the sounds may be different from each other. Try to describe in your own words how the sound can be described. Please write the descriptions in your data
 2. Using the land marks provided first attempt to listen to the Bicuspid sounds then listen to the Tricuspid sounds. Listen to each sound for 30-60 seconds. Note how the sounds may be different from each other. Try to describe in your own words how the sound can be described. Please write the descriptions in your data
 3. Compare both sets of heart sounds based on the information you listed in your notebook to describe the 2 sets of sounds. Look for similarities or lack of similarities between. Please write the descriptions in your data.
 4. Listen to the following body parts: Describe the sound you hear.
 - A) Stomach
 - B) Throat (swallow)

Area	Location	
Aortic	2 nd ICS R sternal border	
Pulmonic	2 nd ICS L sternal border	
Tricuspid	L lower sternal border	
Mitral	5 th ICS	