

NURSING 121

STUDY GUIDE FOR CD ROM ON HEART SOUNDS (Stop at Splits) (Physical Assessment – Heart & Lungs) #121.22

DIRECTIONS: Read the following questions before starting the CD ROM. Answer the questions in the space provided.

MATCHING

Match the identified sounds in Column I with the description/location in Column II.

Column I	Column II
1. S1 heart sound	_____ A. Tricuspid Valve - 5 th Intercostal Space ICS Left Sternal Border (LSB)
2. S2 heart sound	_____ B. Mitral Valve - 5 th ICS Midclavicular (MCL)
3. S3 heart sound	_____ C. Aortic Valve - 2 nd ICS Right Sternal Border (RSB)
4. S4 heart sound	_____ D. Pulmonary Valve - 2 nd ICS LSB
	_____ E. Ventricular gallop - heard at mitral area with bell of stethoscope - sounds like Kentucky - (lub-dub-dee)
	_____ F. Atrial gallop - heard at aortic area with bell of stethoscope - sounds like Tennessee - (dee-lub-dub)
	_____ G. Closure of semilunar valves
	_____ H. Closure of atrio-ventricular valves

QUESTIONS

1. What positions can be used to auscultate the heart sounds?
2. Identify the anatomic site (chest landmarks) where the following are located.
Apex of the heart _____
Base of the heart _____
3. When is the 3rd heart sound considered normal?
4. When is the 4th heart sound considered normal?
5. Identify where the following valves are located in the heart.
Mitral _____
Tricuspid _____
Aortic _____
Pulmonic _____
6. Which heart sound corresponds with the onset of systole? _____
7. Which heart sound corresponds with the onset of diastole? _____
8. Define systole: _____
Define diastole: _____