

Yr 9 Science Bodyworks - Practical: Heart dissection

1. Why is there a thick septum separating the left and right ventricles?

2. Why is the left ventricle thicker than the right ventricle?

3. Why is the wall of the atrium thinner than that of the ventricle?

4. What is the importance of the chords attached to the valves?

Challenge questions for the experts.

5. What is meant by cardiac output?

6. The heart is said to be at the left of the chest cavity. Comment.

7. With every contraction the heart, oxygenated blood is pumped into the aorta. When the heart is relaxing what keeps the blood moving in the arteries?

The circulatory system

label the following structures of the heart(as many as you can).

