

CVS-Anatomy

Archive

Lecture2

external features of
the heart

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CVS-Anatomy

Lecture 2

1. Select the wrong one regarding the four surfaces of the heart

- a. Right pulmonary surface forms the cardiac impression of the left lung
- b. Diaphragmatic (inferior) surface formed mainly by the left ventricle
- c. Anterior (sternocostal) surface formed mainly by the right ventricle
- d. Left pulmonary surface consists mainly of the left ventricle
- e. Right pulmonary surface formed mainly by the right atrium

✓ Answer: A

2. The base of the heart. Which is true?

- a. Faces inferiorly toward the diaphragm
- b. Related to esophagus
- c. Receives the pulmonary trunk
- d. The heart rests on its base
- e. Is formed mainly by the right atrium

✓ Answer: B

3. Select the wrong one regarding the four surfaces of the heart (repeat)

- a. Right pulmonary surface forms the cardiac impression of the left lung
- b. Diaphragmatic (inferior) surface formed mainly by the left ventricle
- c. Anterior (sternocostal) surface formed mainly by the right ventricle
- d. Left pulmonary surface consists mainly of the left ventricle
- e. Right pulmonary surface formed mainly by the right atrium

✓ Answer: A

4. Auscultation of the heart valves. Which is wrong?

- a. The aortic valve over the medial end of the second right intercostal space
- b. The pulmonary valve over the medial end of the second left intercostal space
- c. The first sound is produced by the sharp closure of the aortic and pulmonary valves
- d. The mitral valve at the level of the fifth left intercostal space, (9 cm) from the midline
- e. The tricuspid valve over the left half of the lower end of the body of the sternum

✓ Answer: C

5. Inferior surface of the heart is formed mainly from

- Left ventricle (mainly)
- Right ventricle (partially)

✓ Answer: Left ventricle

6. Regarding the cardiothoracic ratio and borders. Which is wrong?

- a. The right border is slightly convex to the right
- b. The left border consists mainly of the left ventricle
- c. The ascending aorta and pulmonary trunk emerge from the superior border
- d. The cardiothoracic ratio usually more than 50% in PA view of chest X-rays
- e. The right border consists mainly of the right atrium

✓ Answer: D

7. Pulmonary valve auscultation

✓ Answer: 2nd intercostal space to left of sternal border

8. The aortic valve can be heard in the

✓ Answer: 2nd right intercostal space

9. Right border of the heart extends from:

✓ Answer: 3rd to 6th costal cartilages

10. Heart weight

✓ Answer: 330 grams

