

CVS-Histology

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Lecture 2

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1. **Which of the following is incorrect concerning cardiac muscle ?**

- a. Cardiac cells are smaller than skeletal muscle cells
- b. Electrical communication between cardiac cells is maintained via gap junctions , which are specialized
- c. Mechanical attachment of cardiac cells is at the intercalated disc
- d. The spread of excitation through the heart muscle is 3 dimensional
- e. Transverse tubules are larger in skeletal muscle than in heart muscle allowing more diffusion of Ca^{2+} into the interior of the cell

Answer:e

2. **All of the followings are correct regarding cardiac valves Except?**

- a. Inflammation of the valve is called pericarditis
- b. They insert into fibrous trigone
- c. They have collagen fibers and elastic fibers
- d. They are surrounded by endothelium

Answer:a

3. **Which of the following is not a component of intercalated disk?**

- a. Terminal cisternae
- b. Desmosomes
- c. Macula adherens

Answer:a

4. Which of the following is true about the cardiac cell?

- a. Has multiple large mitochondria
- b. Peripheral nuclei
- c. High lipid content
- d. Triad at A-I line
- e. Diad at A line

Answer:a

6. Blood vessels of heart in ?

- A. endocardium
- B.. tunica intima
- C. epicardium
- E. tunica Adventia

Answer:c

