

## Recap Heart

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1. Heart lies in----- of chest.
2. Heart feels on the left side because its ----- lies on left side and -----, major artery also passes on left side.
3. Heart is covered by outer ---- ----- and inner ---- -----.
4. Cardiac muscle fibers form the thicker middle layer -----.
5. ----- and ----- vena cava open into ----- of heart.
6. Right atrium opens into right ventricle through -----.
7. Pulmonary arteries carry oxygen- ----- blood to lungs.
8. Pulmonary veins carry oxygen - ----- blood to ----- of heart.
9. Closure of AV valves produces 1<sup>st</sup> sound of heart -----.
10. Closure of semi-lunar valves produces the 2<sup>nd</sup> sound of heart -----.
11. AV valve on left side is ----- and on right side is -----.
12. White thin long stiff structures present in ventricles are -----.
13. Right coronary artery passes AV groove and gives rise to -----artery.
14. ----- and ---- cardiac veins collect blood from walls of heart and open into ---- ---- that open into right atrium.
15. ----- is the pace maker of heart.
16. Contraction of ventricles is initiated due to depolarization of -----.
17. Pulmonary circulation carries oxygen poor blood from ----- of heart to lungs through -----and brings oxygen rich blood to ----- of heart through -----.
18. Contraction of heart is ----- and its relaxation is -----.
19. When blood is passing from ventricles to main arteries ----- valve is open and blood pressure in ventricles is ----- than blood pressure in main arteries.
20. Left coronary artery branches into -----branch in (anterior interventricular sulcus) and -----branch (in AV groove).
21. ----- a crescent shaped ridge of smooth muscles between openings of superior and inferior vena cava representing junction between sinus venosus and heart in embryo.
22. In ventricles big muscle ridges are ----- ---- and small muscle ridges are -----.