

The University of Jordan
Faculty Of Medicine



2nd Practical

External morphology of the heart

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Associate professor of anatomy & embryology

I.Surfaces of the heart

- a. Apex
- b. Base
- c. Sternocostal
- d. Diaphragmatic
- e. Right
- f. Left

II.Heart borders

- a. Right
- b. Left
- c. Superior
- d. Inferior

III.Groves

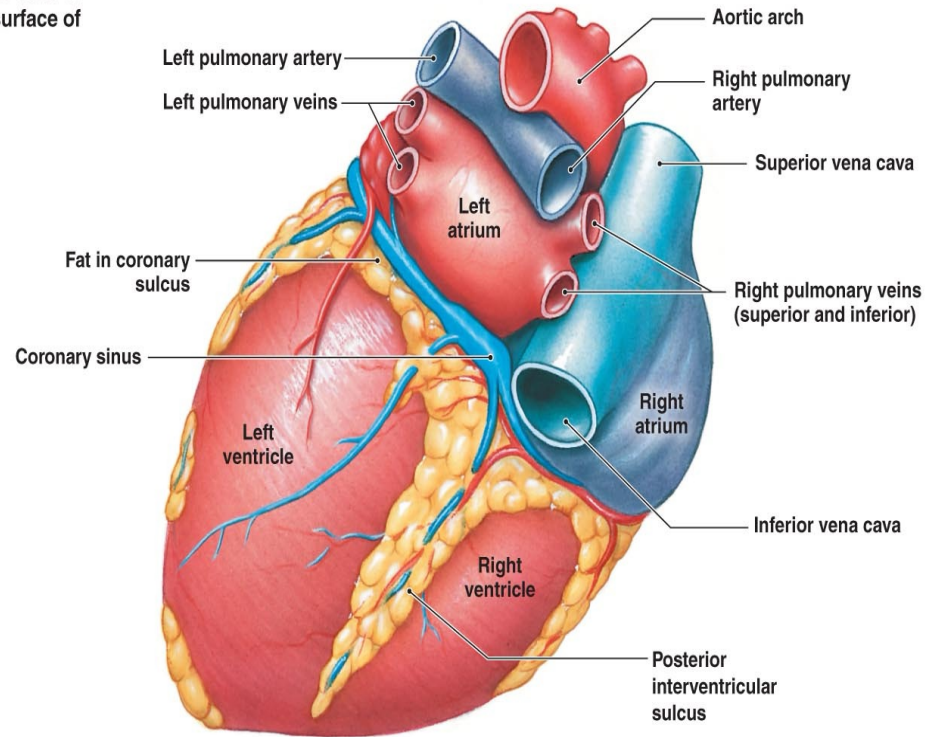
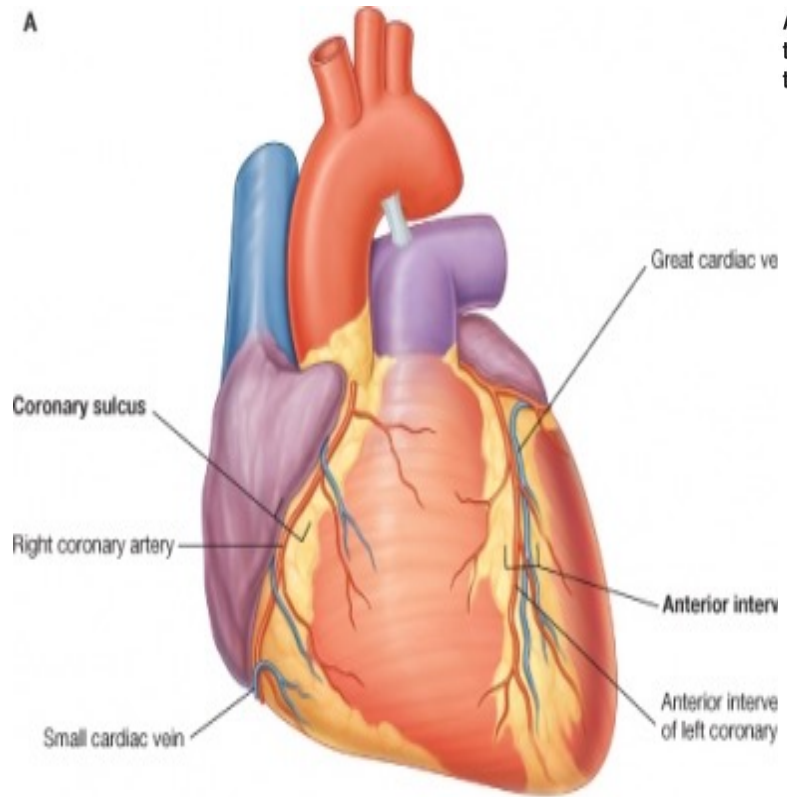
- a. atrioventricular (Coronary sulcus)
- b. Anterior interventricular
- c. Inferior (Posterior) interventricular

VI- Blood vessels

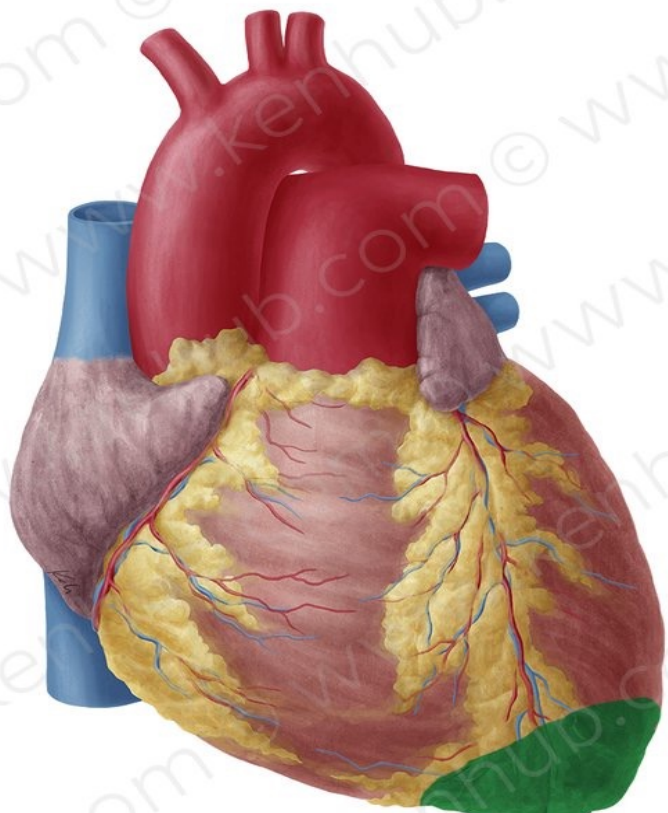
- a. Ascending aorta
- b. Arch of Aorta
- c. Pulmonary trunk
- d. Left subclavian
- e. Left Common Carotid
- f. Brachiocephalic artery
- g. Right subclavian
- h. Right Common Carotid
- i. Coronary arteries (right and left)
- j. Coronary sinus
- k. Anterior interventricular artery
- l. Posterior interventricular artery
- m. Great cardiac vein
- n. Middle cardiac vein

A

A diagrammatic view of the posterior surface of the heart



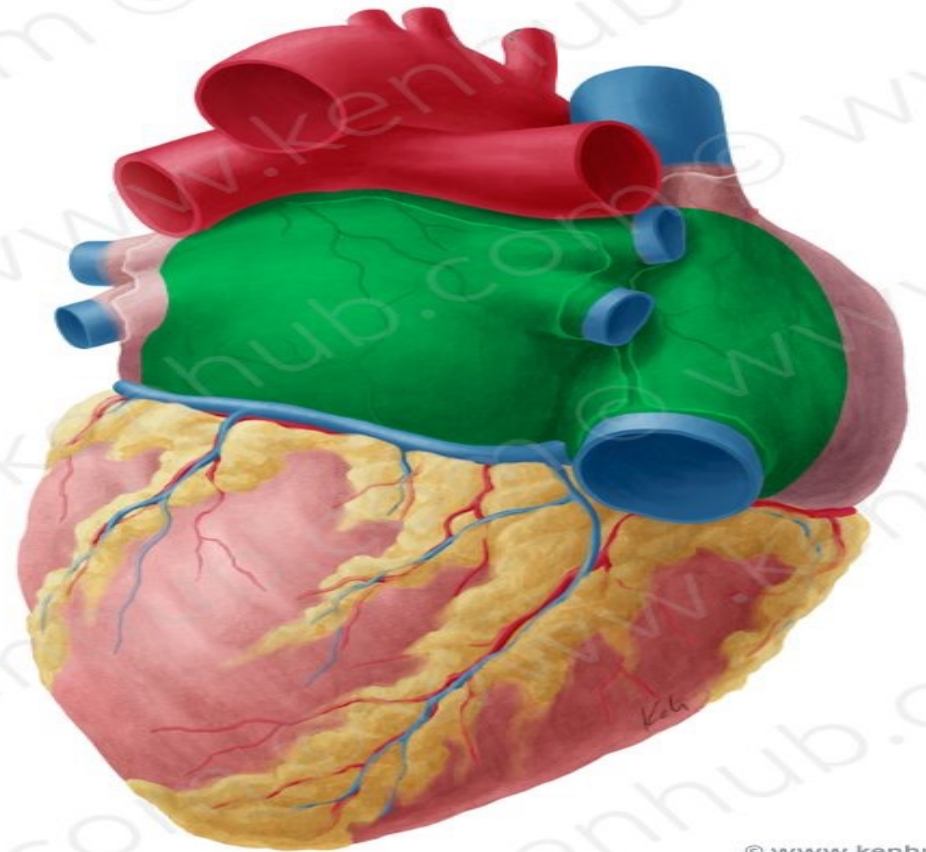
Posterior surface



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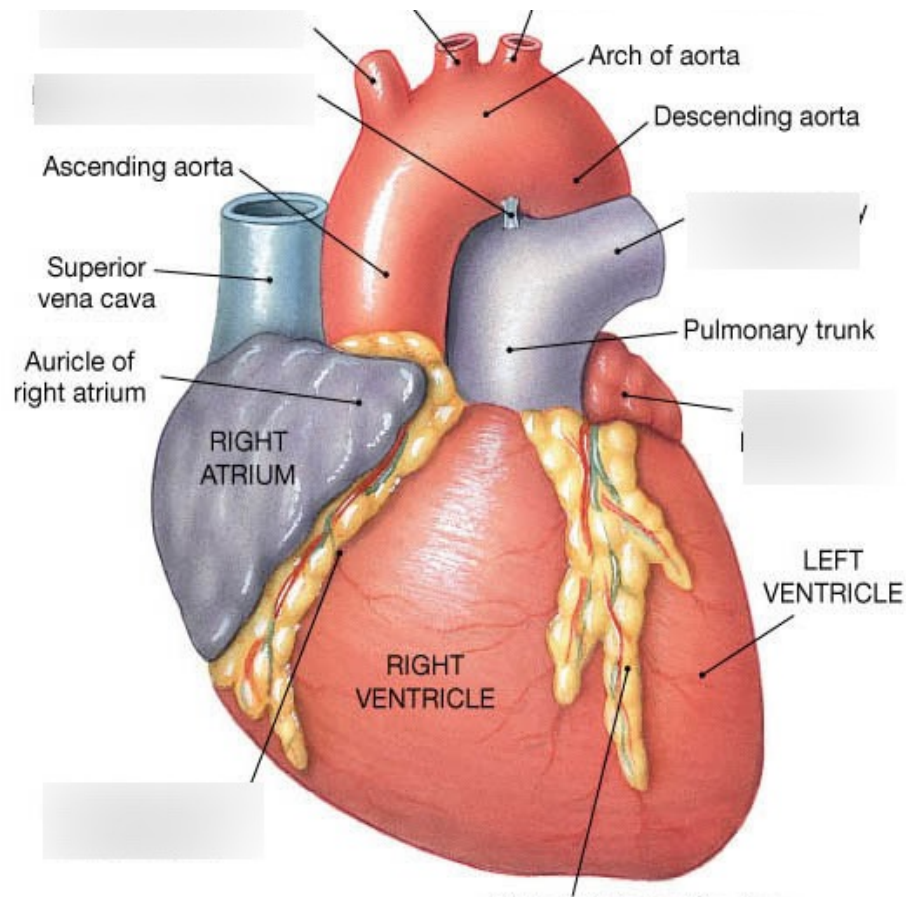


The apex of the heart

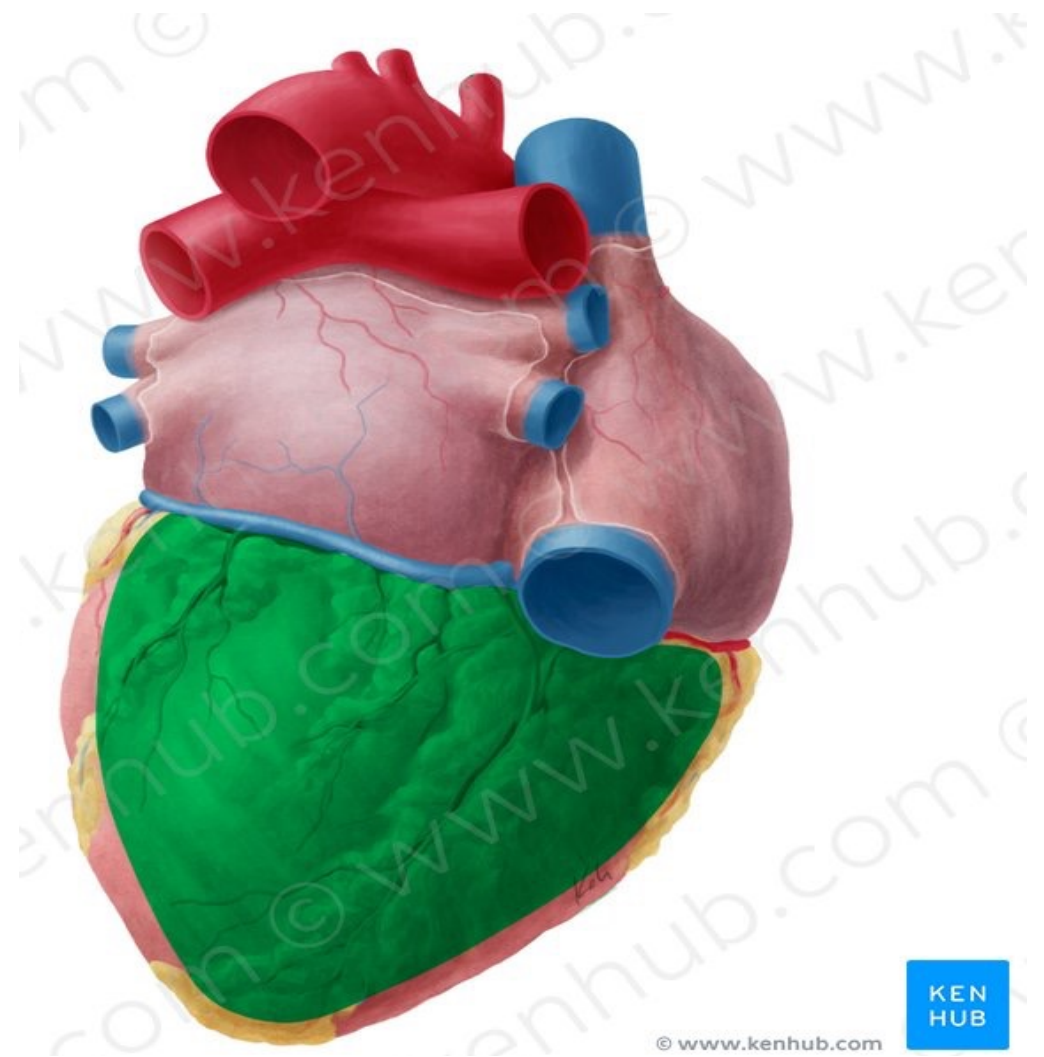


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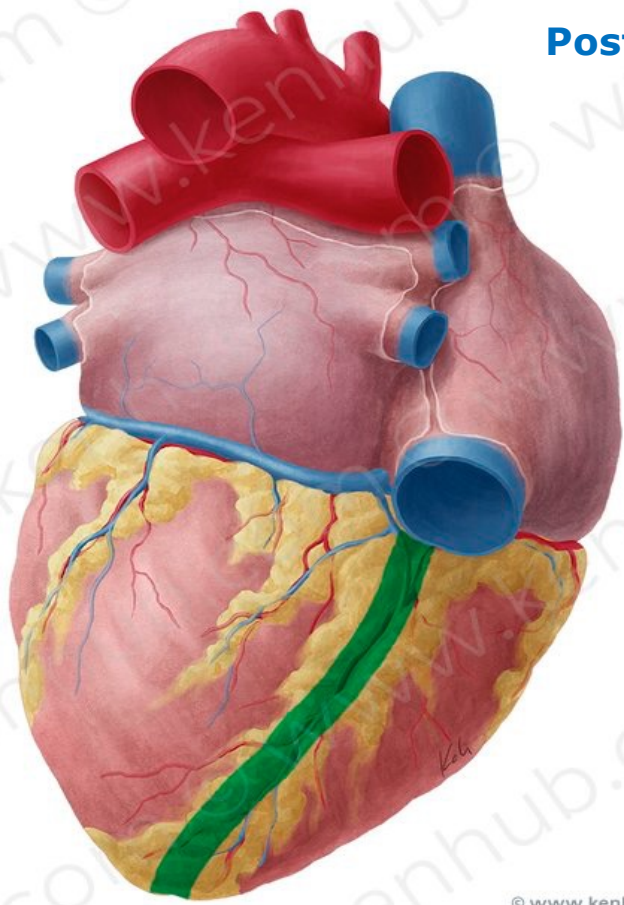
The base of the heart



Anterior (sternocostal) surface



Diaphragmatic surface of the heart

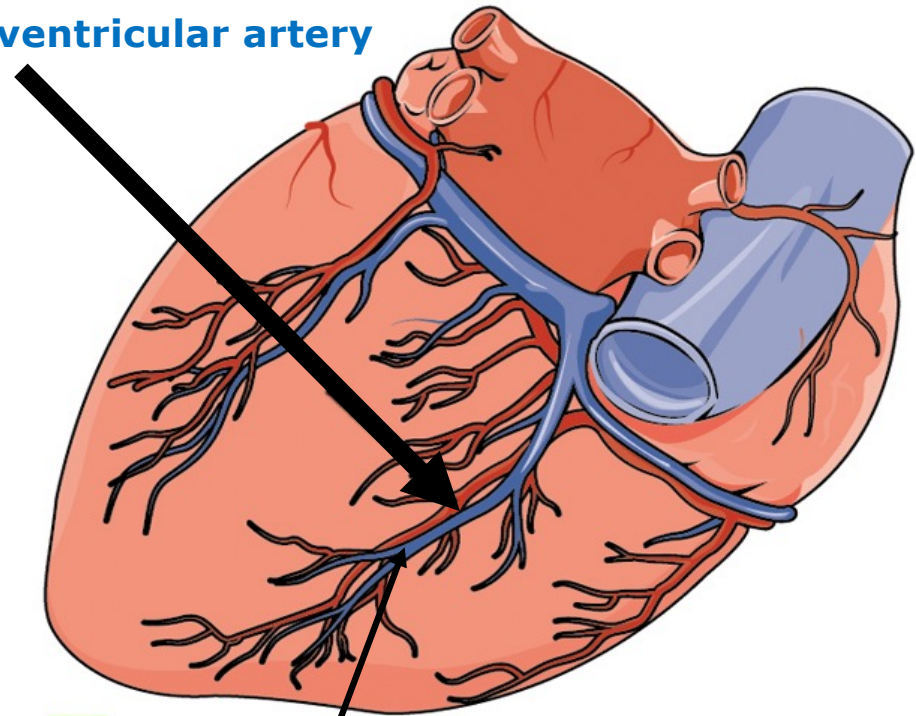


Posterior interventricular groove

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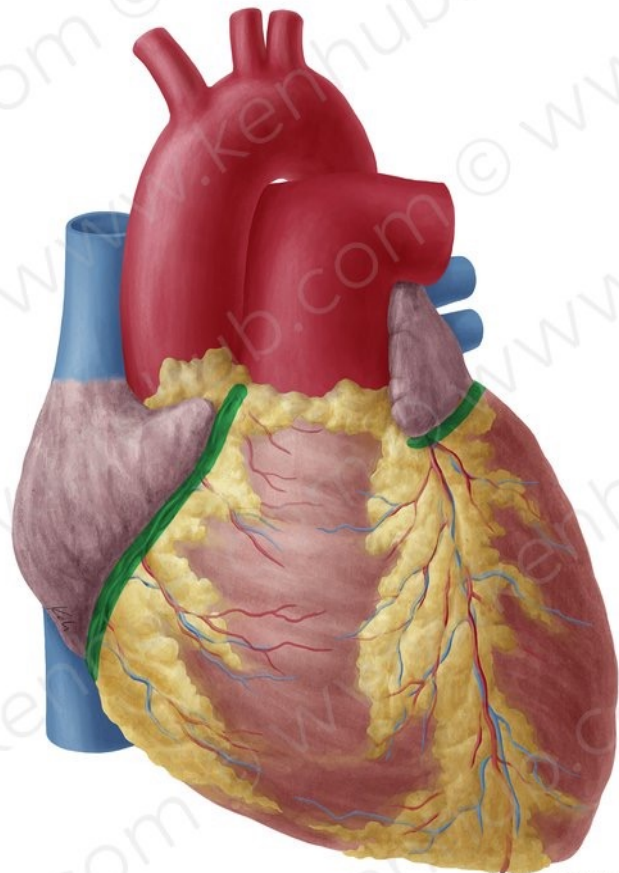


Posterior interventricular artery

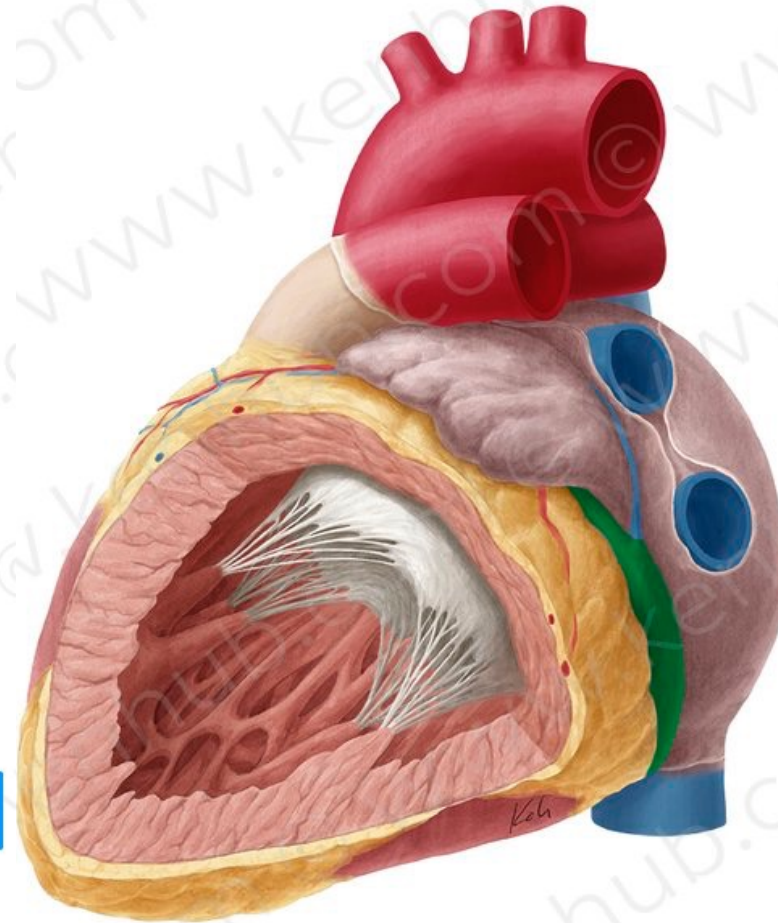


Middle cardiac vein.





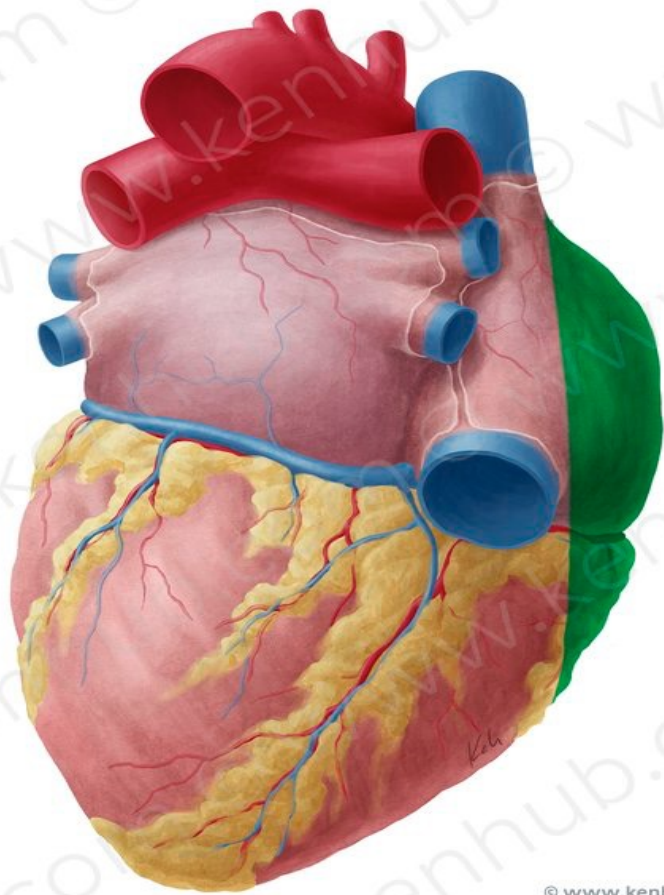
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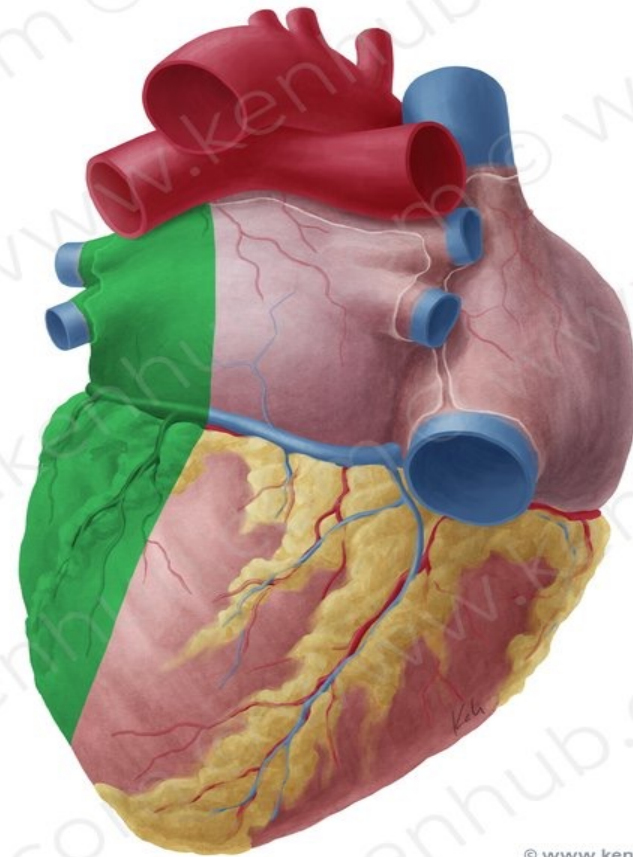
Coronary sulcus



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Right surface



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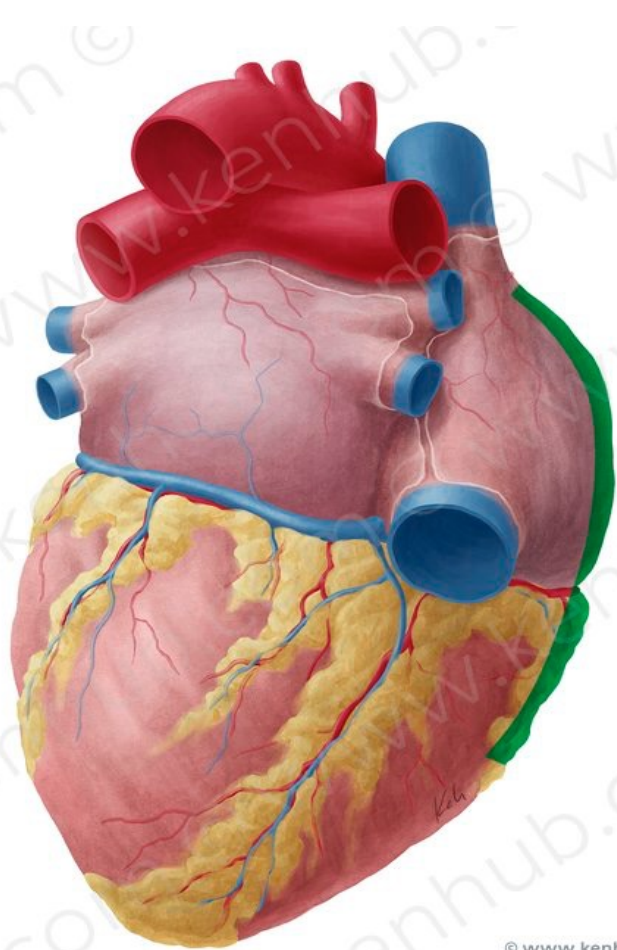


Left surface

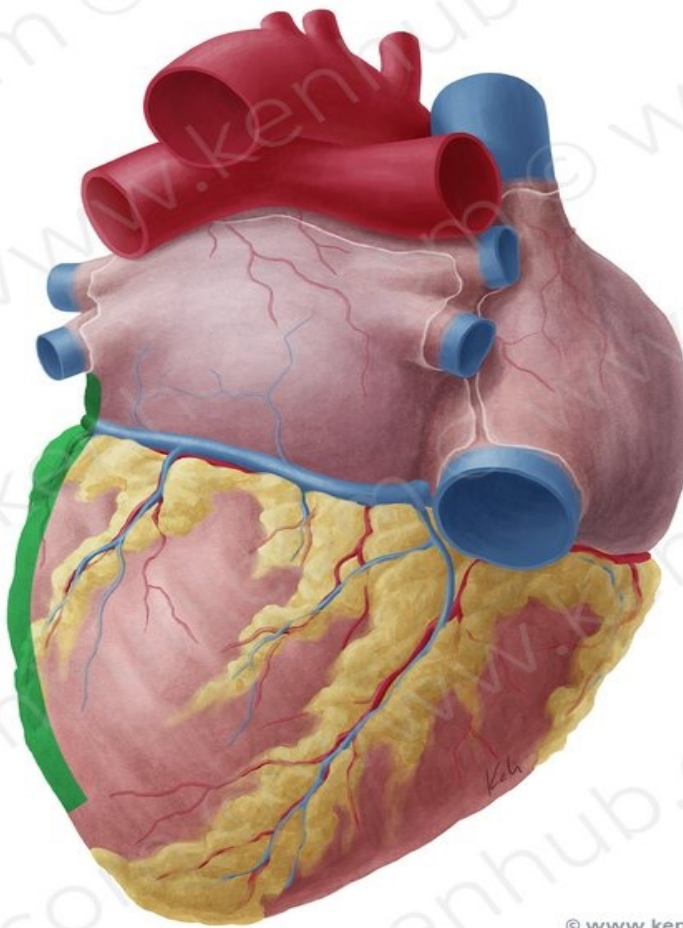
Right border

Left border

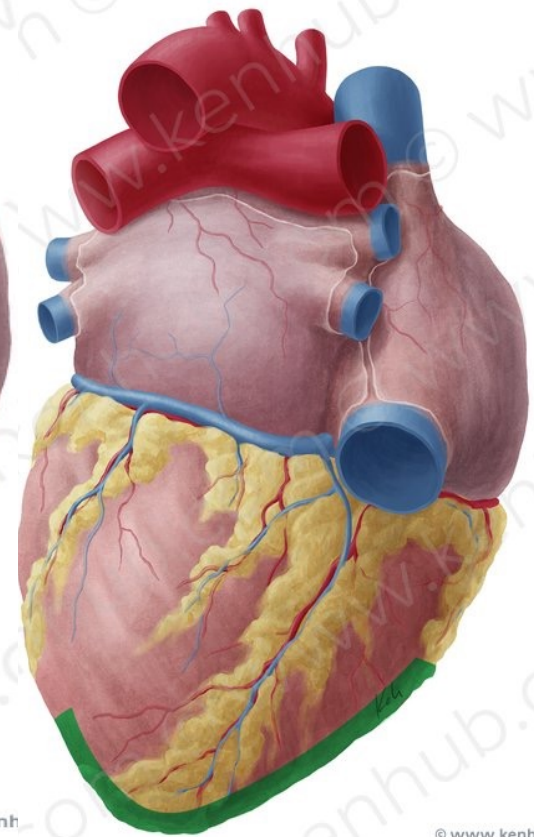
Inferior border



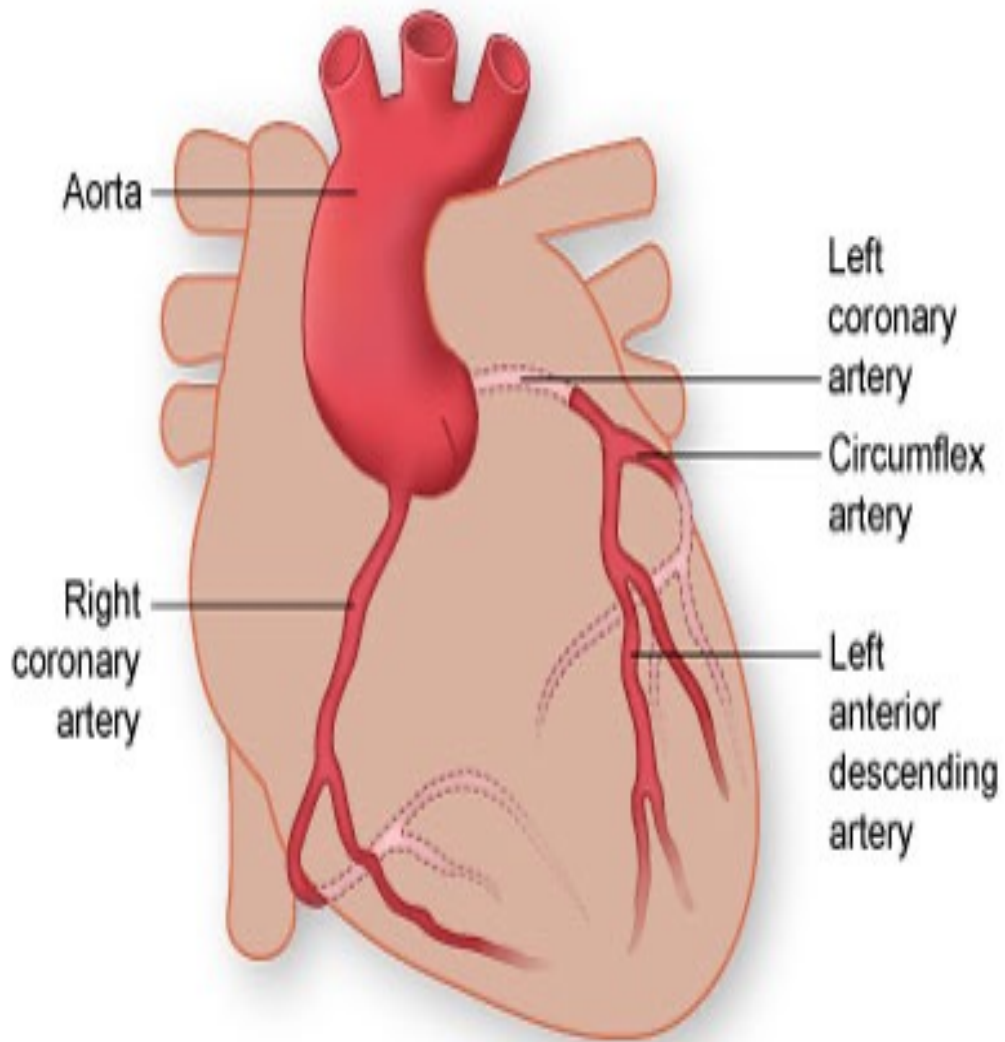
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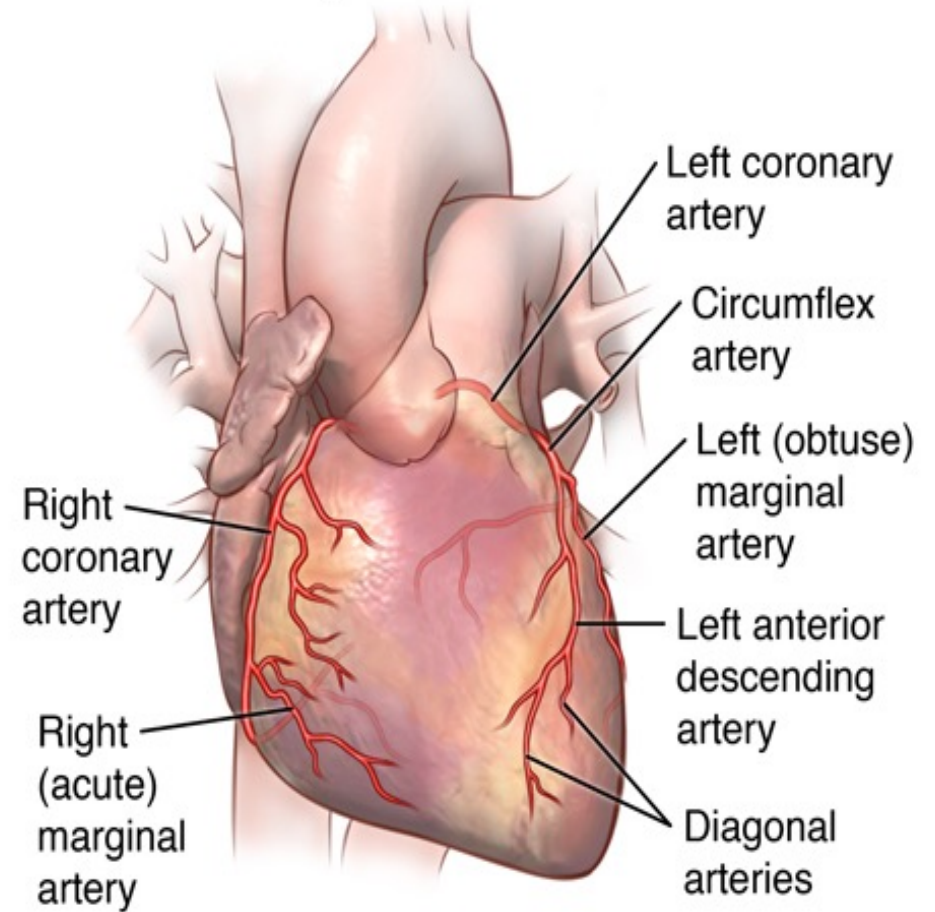
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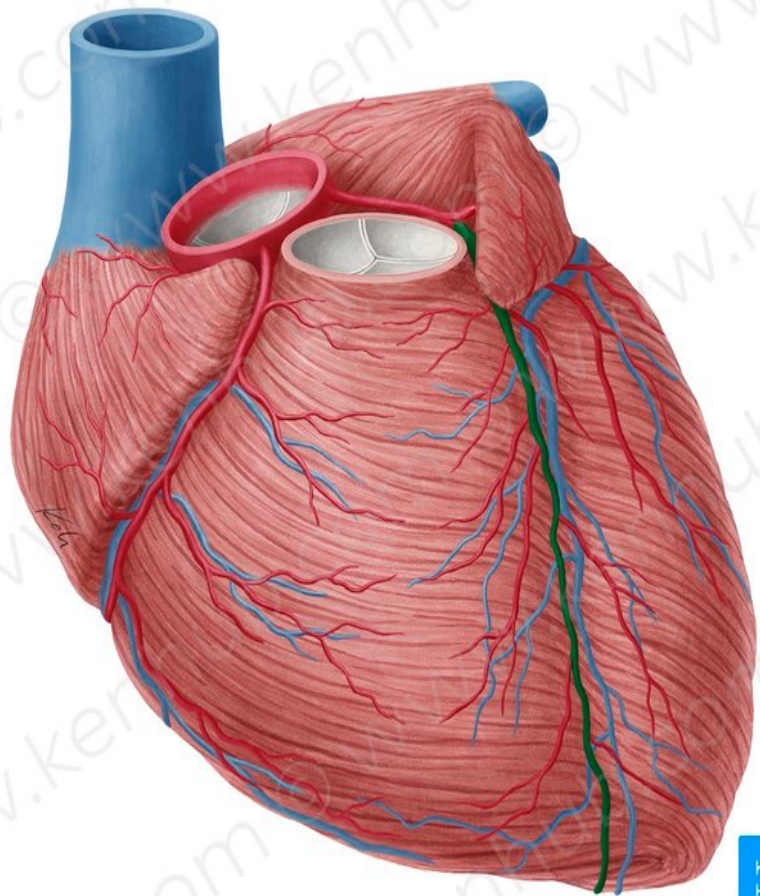


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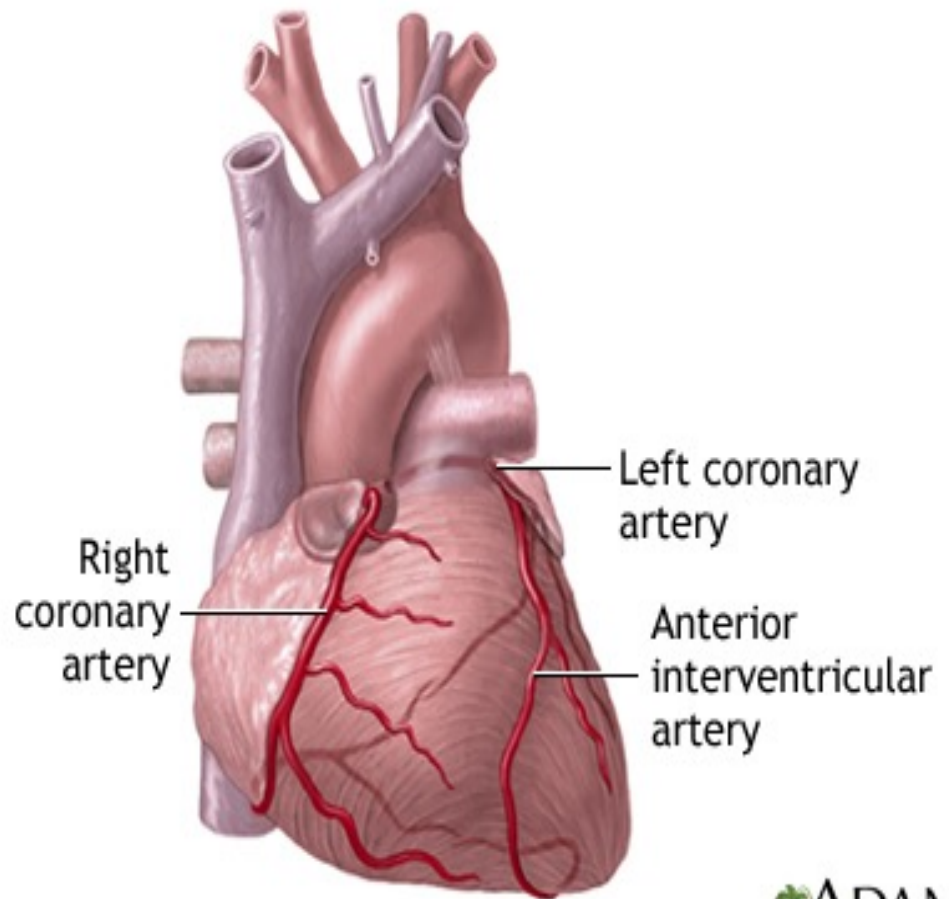


Coronary arteries of the heart

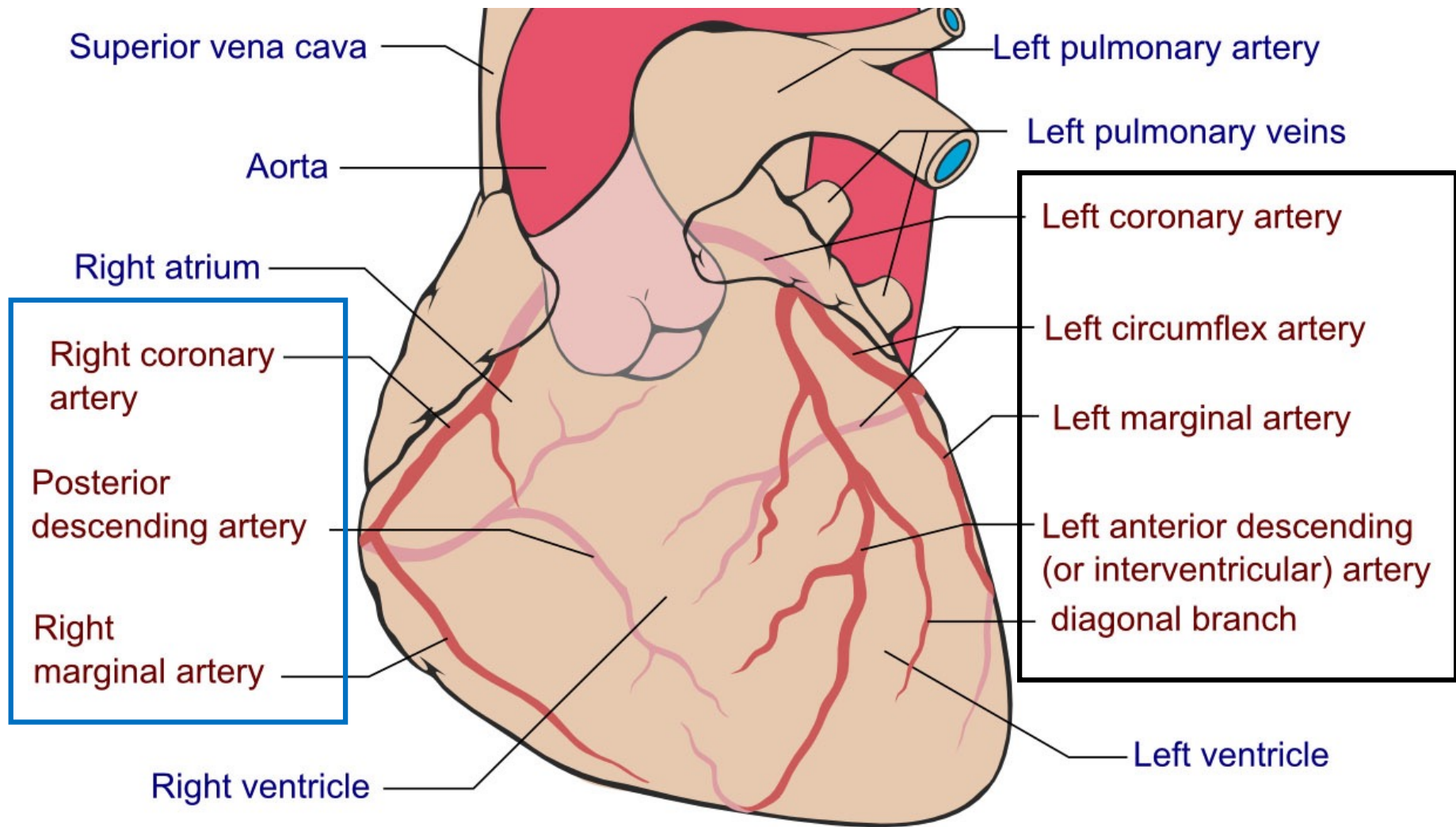


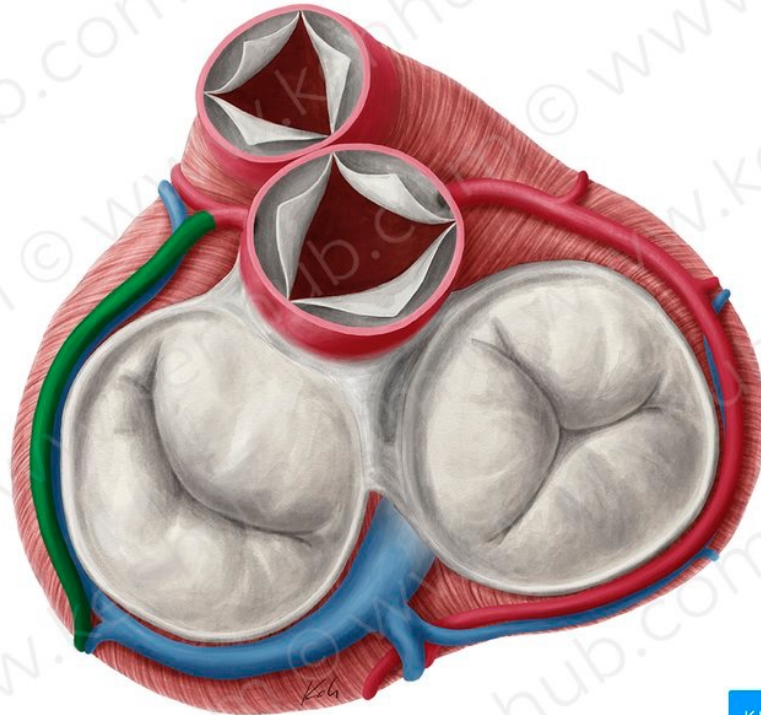


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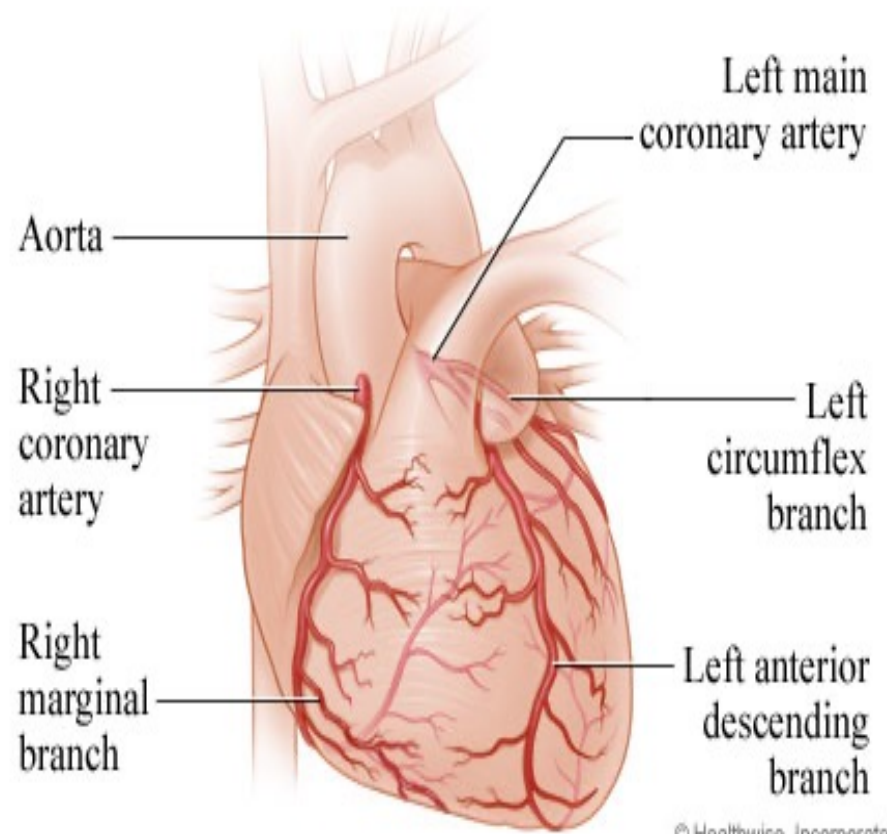


Anterior interventricular artery



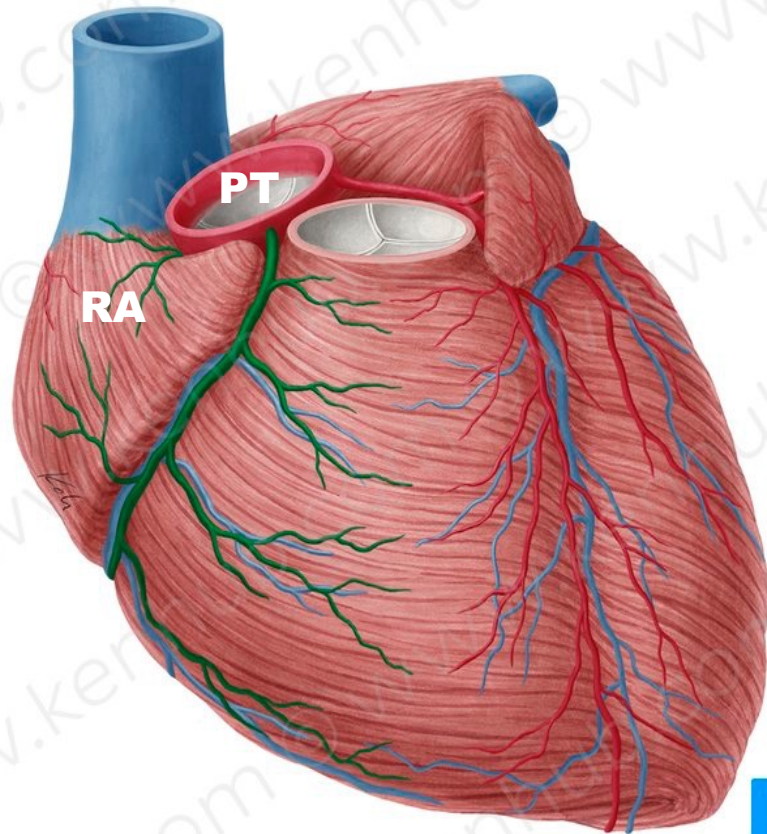


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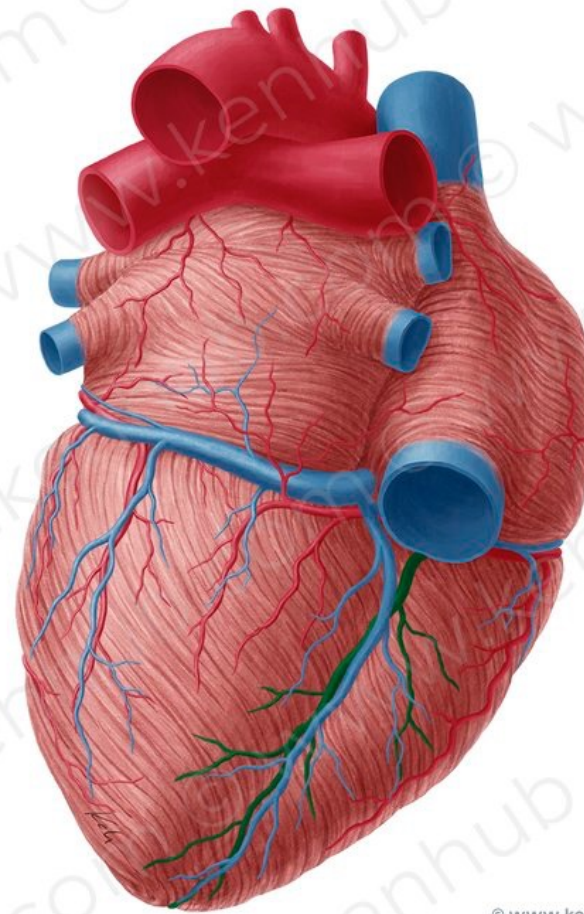


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The circumflex artery



Right coronary artery



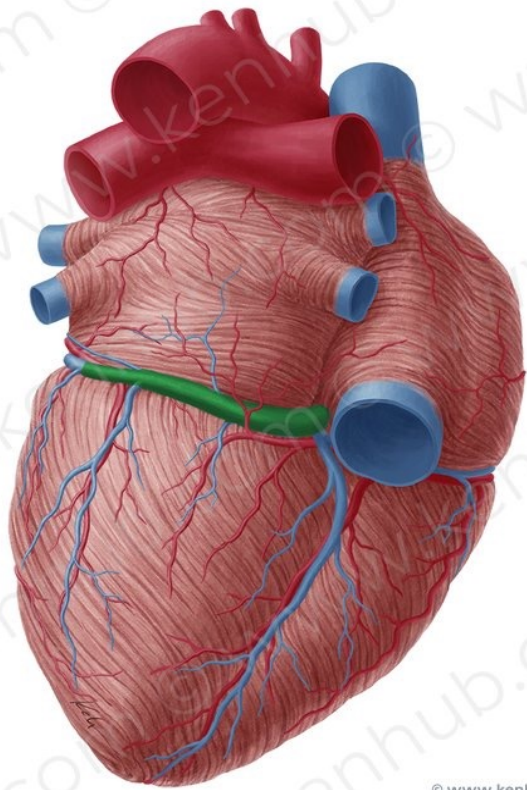
Inferior interventricular artery

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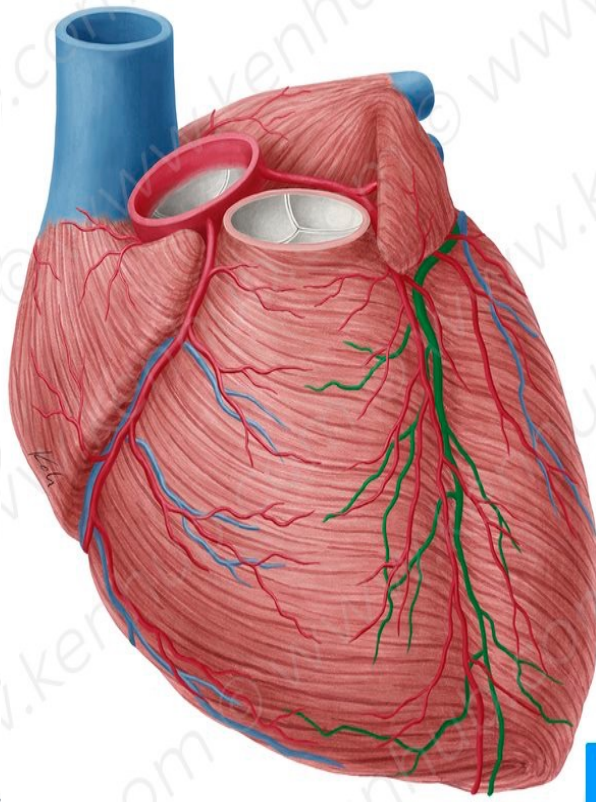
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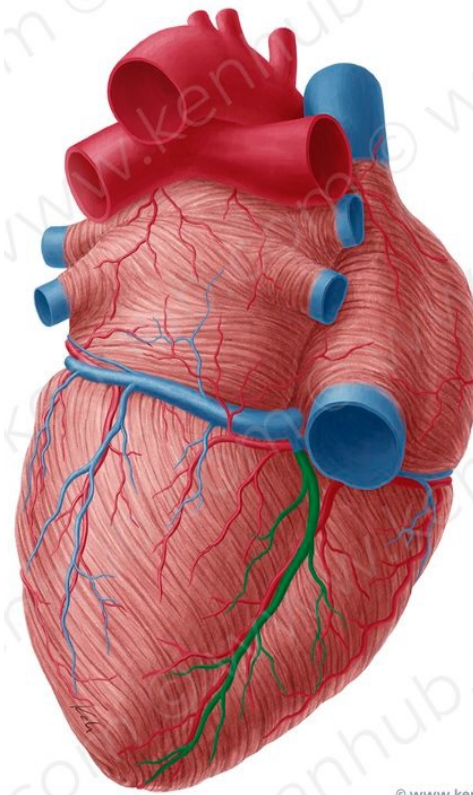
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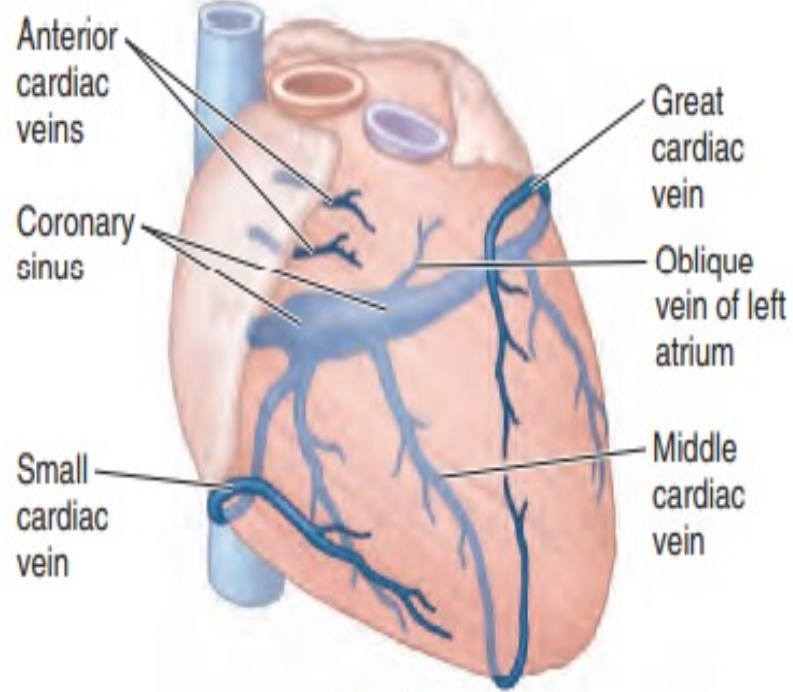
Coronary sinus



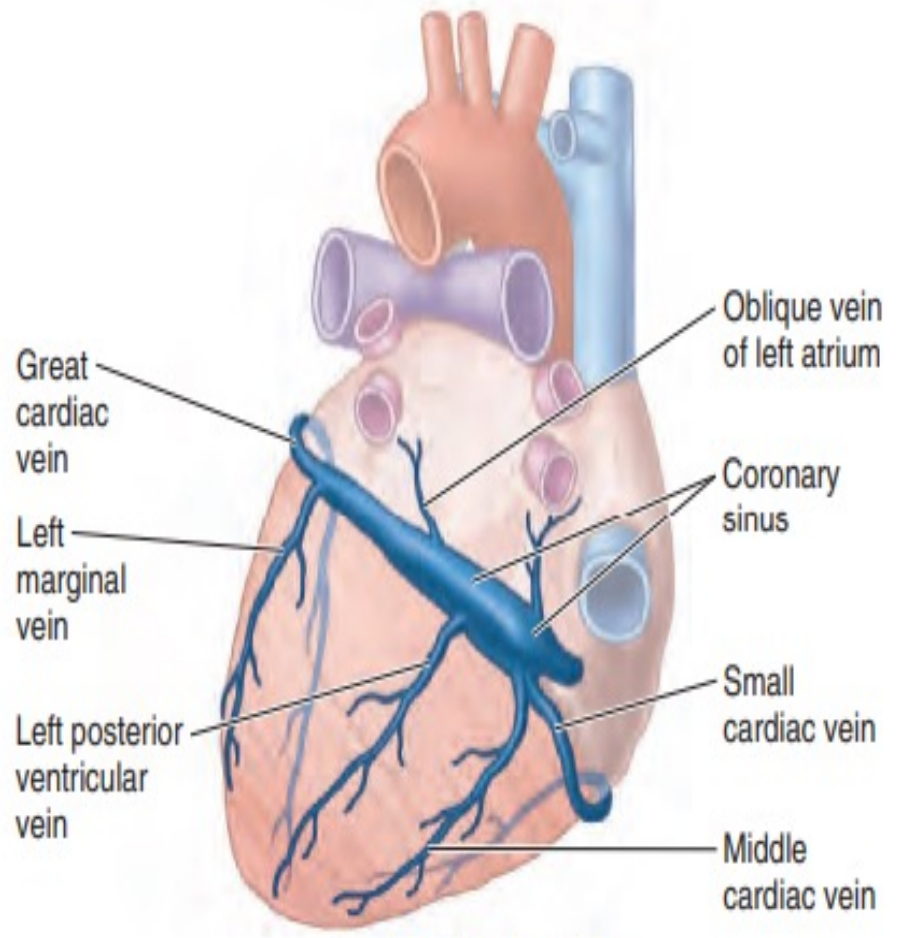
Great cardiac vein



Middle cardiac vein



Anterior view



Postero-inferior view

