

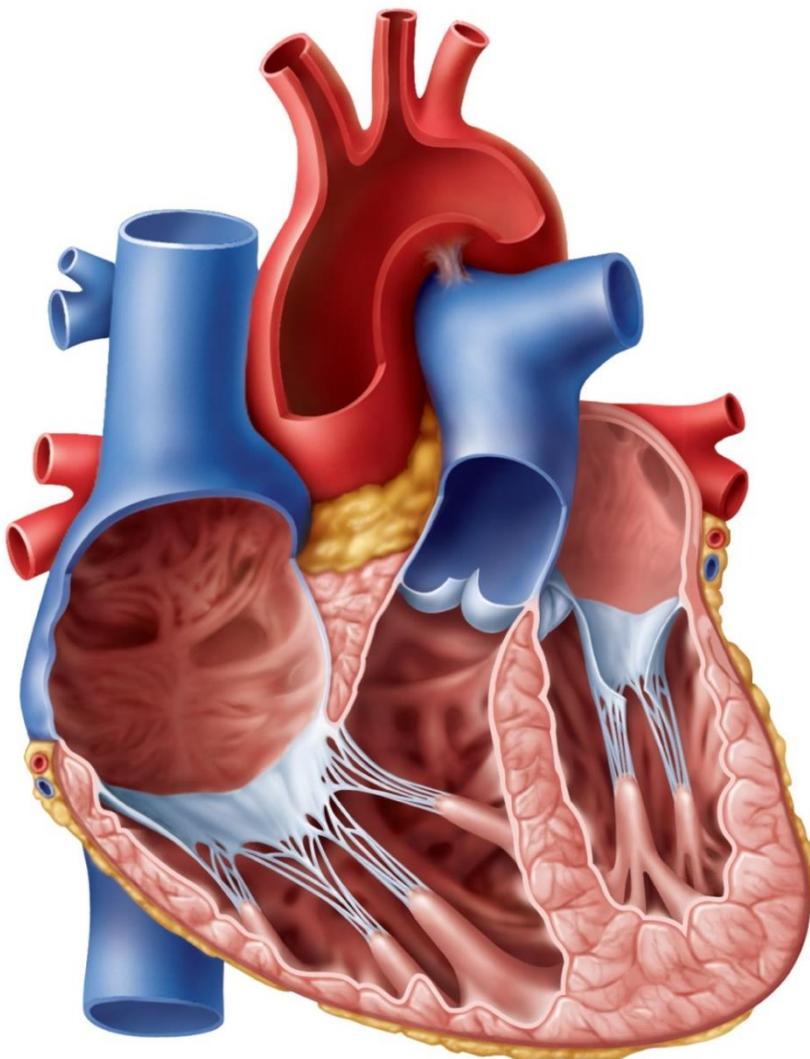
Heart Lab

In this lab students will learn to identify structures of the heart. Use your textbook to identify and label the structures of the heart listed below. Watch the video on the Anatomy and Physiology website that is associated with this lab.

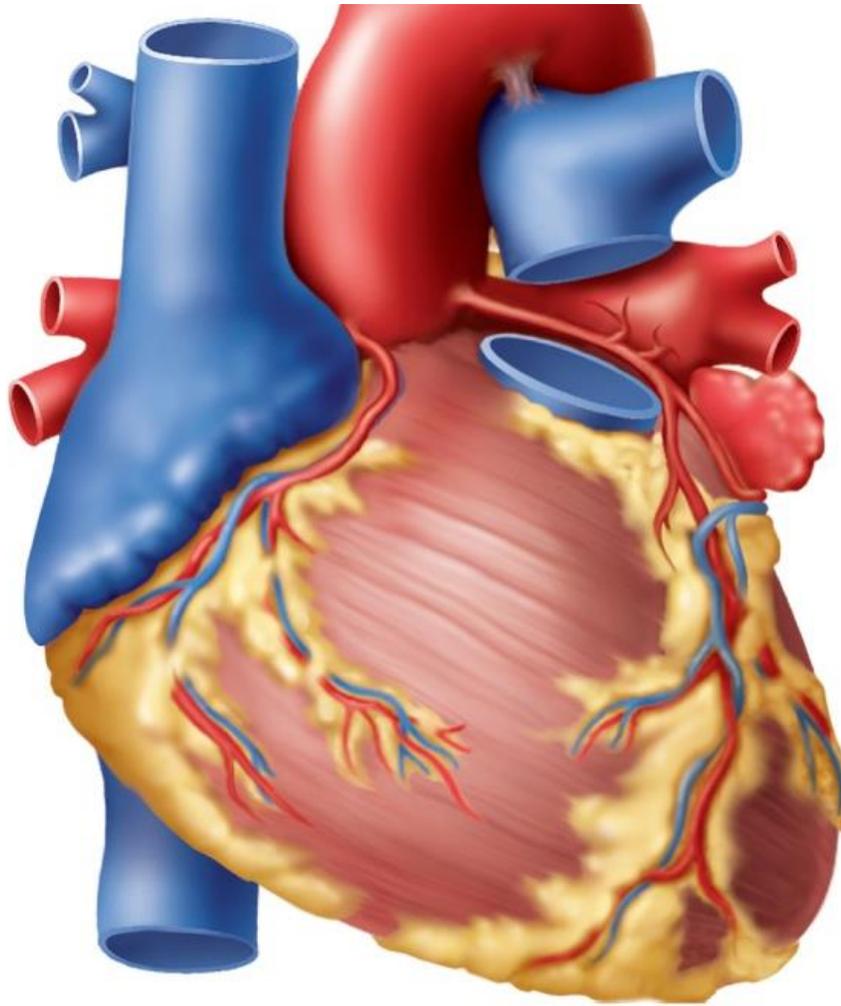
Activity One: Anatomy of the Heart

Please identify and label the following heart structures listed below. Use your textbook to complete this activity, the heart anatomy can be found on Figure 19.6, 19.7 & 19.10 (pages 714, 715, & 718).

- Superior vena cava
- Inferior vena cava
- Right atrium
- Right AV valve (tricuspid valve)
- Tendinous cords
- Right ventricle
- Pulmonary valve
- Pulmonary trunk
- Right pulmonary artery
- Left pulmonary artery
- Right pulmonary veins
- Left pulmonary veins
- Left atrium
- Left AV valve (bicuspid valve or mitral valve)
- Tendinous cords
- Left ventricle
- Aortic valve
- Ascending aorta
- Aortic arch
- Brachiocephalic trunk
- Left common carotid artery
- Left subclavian artery
- Interventricular septum



- __ Right coronary artery
- __ Left coronary artery
 - __ Anterior interventricular artery (branch of the left coronary artery)
 - __ Circumflex artery (branch of the left coronary artery)



Activity Two: Anatomy of the Heart (Model)

Please identify and label the following structures of the heart (same as above) on the models below.

Watch the Heart Lab Video on the Anatomy and Physiology Website to help you complete this activity.

- Superior vena cava
- Inferior vena cava
- Right atrium
- Right AV valve (tricuspid valve)
 - Tendinous cords
- Right ventricle
- Pulmonary valve
- Pulmonary trunk
- Right pulmonary artery
- Left pulmonary artery
- Right pulmonary veins
- Left pulmonary veins
- Left atrium
- Left AV valve (bicuspid valve or mitral valve)
 - Tendinous cords
- Left ventricle
- Aortic valve
- Ascending aorta
- Aortic arch
- Brachiocephalic trunk
- Left common carotid artery
- Left subclavian artery
- Interventricular septum
- Right coronary artery
- Left coronary artery
 - Anterior interventricular artery (branch of the left coronary artery)
 - Circumflex artery (branch of the left coronary artery)

