

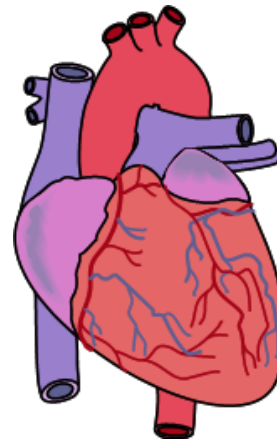
Nov 7, 2019

1) Pulmonary vs Systemic Circulation cont

Test Monday Nov 18th on Circulatory System

Warm-Up

A healthy heart with a normal cardiac output pumps about milliliters of blood with each beat.



Given the following list; starting with blood returning from the body into the Right Atrium; put it in order for the path blood takes through pulmonary circulation. Also place an O beside those that have oxygenated blood and NO for those that have deoxygenated blood. (note not all names will be used)

- ④ pulmonary arteries NO
- body
- ⑦ left atrium O
- various arteries
- bicuspid valve
- ① right atrium NO
- ⑥ pulmonary veins O
- various veins
- aorta
- ③ right ventricle NO
- ⑤ lungs O/NO
- ② tricuspid valve NO

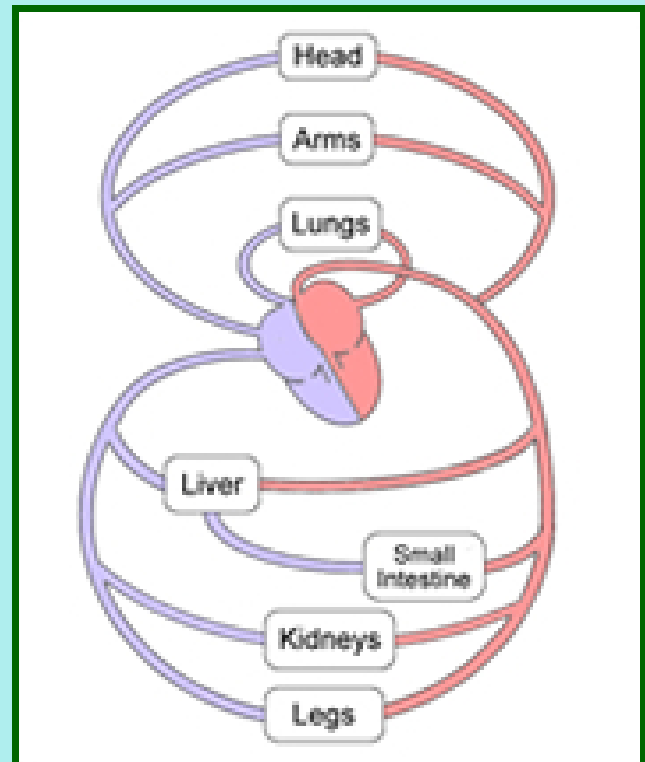
Systemic Circulatory System (sending blood from the heart to the rest of the body)

Oxygenated blood (with oxygen in it) passes from the left atrium through the bicuspid valve into the left ventricle.

The left ventricle pumps blood to the aorta.

The aorta branches into smaller arteries, which go to all parts of the body. Where it gives up oxygen and picks up carbon dioxide.

Veins return the blood to your heart from the body into the right atrium.



Superior Vena
Inferior CAVA

Read pg 385-386

Complete:

#6,7 pg 387

Review Sec 22-2 Part A,B

1. What side of your heart pumps blood to your lungs? your body?
2. Where do the pulmonary arteries carry blood? What type of blood do they carry oxygenated (with oxygen) or deoxygenated (without oxygen)?
3. Which is the largest artery in the body? What is its job?
4. List where each of the following arteries carry blood:
 - coronary
 - pulmonary
 - carotid

Pass in once complete!!