

Name: \_\_\_\_\_

Date: \_\_\_\_\_

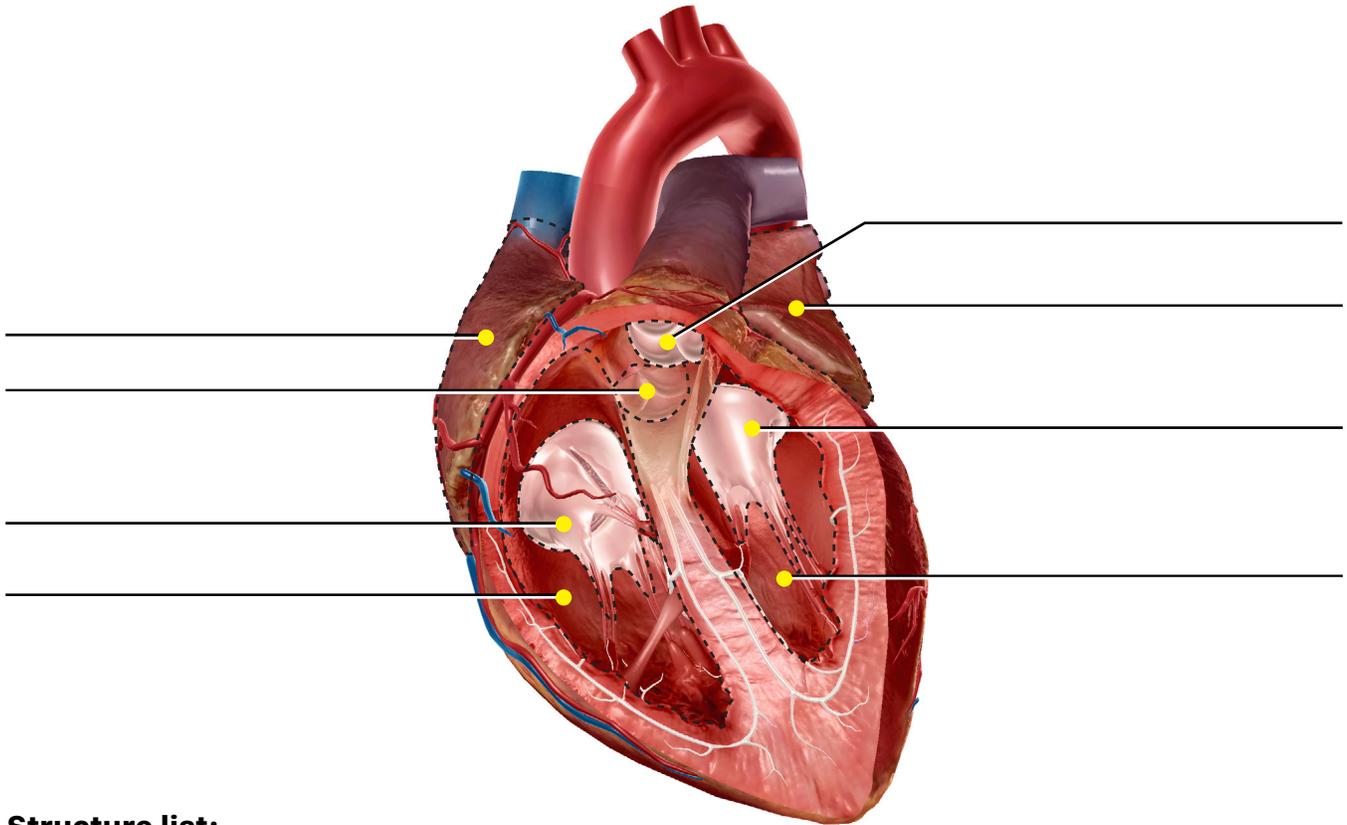
### **Activity 1: Pulmonary Circulation Lab**

#### **1. Launch the view!**

- If you're already in AR mode: point your camera\* at the image below.
- If you're not in AR mode:
  - Open Visible Body Suite.
  - Search for and select the view "Heart Section."
  -  **Launch AR mode.**

#### **2. Label the image.**

- Explore the 3D model of the heart to locate the anatomy in the structure list.
- Use the structure list to label the image.



#### **Structure list:**

- |                   |                    |
|-------------------|--------------------|
| 1. Aortic valve   | 5. Pulmonary valve |
| 2. Left atrium    | 6. Right atrium    |
| 3. Left ventricle | 7. Right ventricle |
| 4. Mitral valve   | 8. Tricuspid valve |

\* Augmented Reality (AR) is supported on many iPhones, iPads, and Android mobile devices. See details at [visiblebody.com/ar](https://visiblebody.com/ar)

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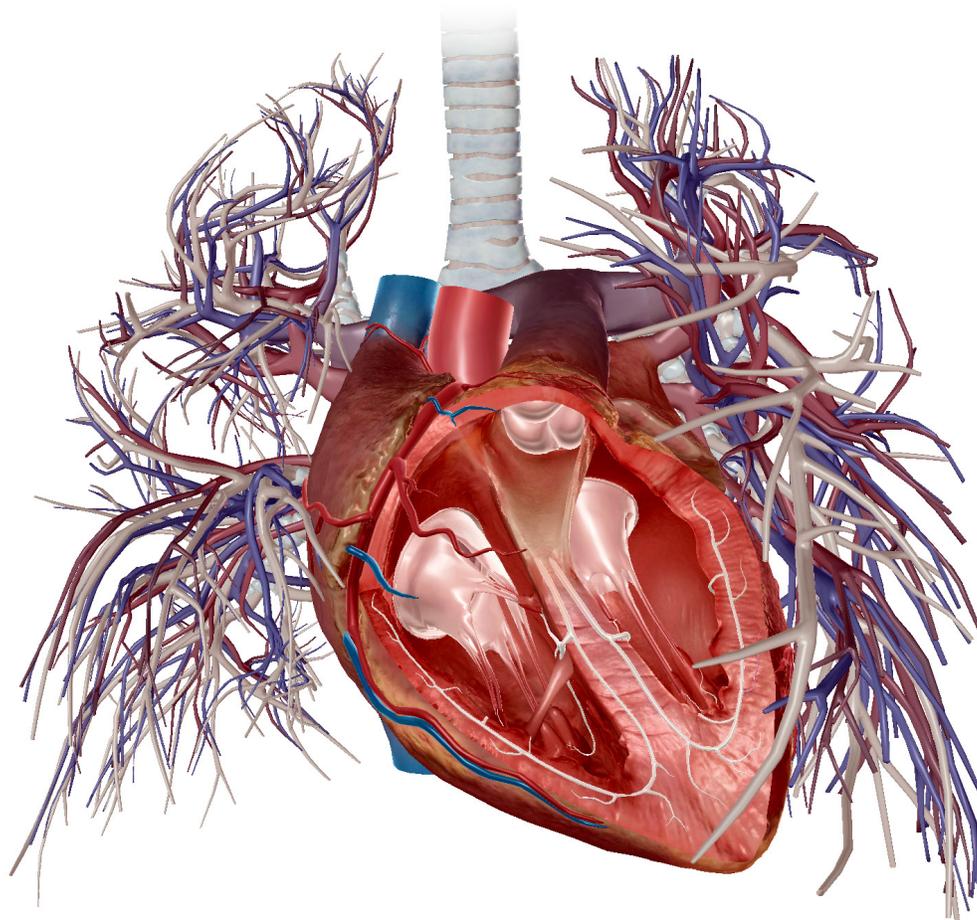
## **Activity 2: Pulmonary Circulation Lab**

### **1. Launch the view!**

- If you're already in AR mode: point your camera at the image below.
- If you're not in AR mode:
  - Open Visible Body Suite.
  - Search for and select the view "Pulmonary Circulation."
  -  **Launch AR mode.**

### **2. Explore the anatomy related to pulmonary circulation.**

- Find the structures in the word bank. Be sure to select the book icon to read each definition.
- Using this information, organize the structures in the word bank into two groups: Structures that carry deoxygenated blood and structures that carry oxygenated blood.



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**Word bank:**

- Aorta
- Aortic valve
- Left atrium
- Left ventricle
- Mitral valve
- Pulmonary arteries
- Pulmonary valve
- Pulmonary veins
- Right atrium
- Right ventricle
- Tricuspid valve
- Vena cava

<b>Deoxygenated Blood</b>	<b>Oxygenated Blood</b>

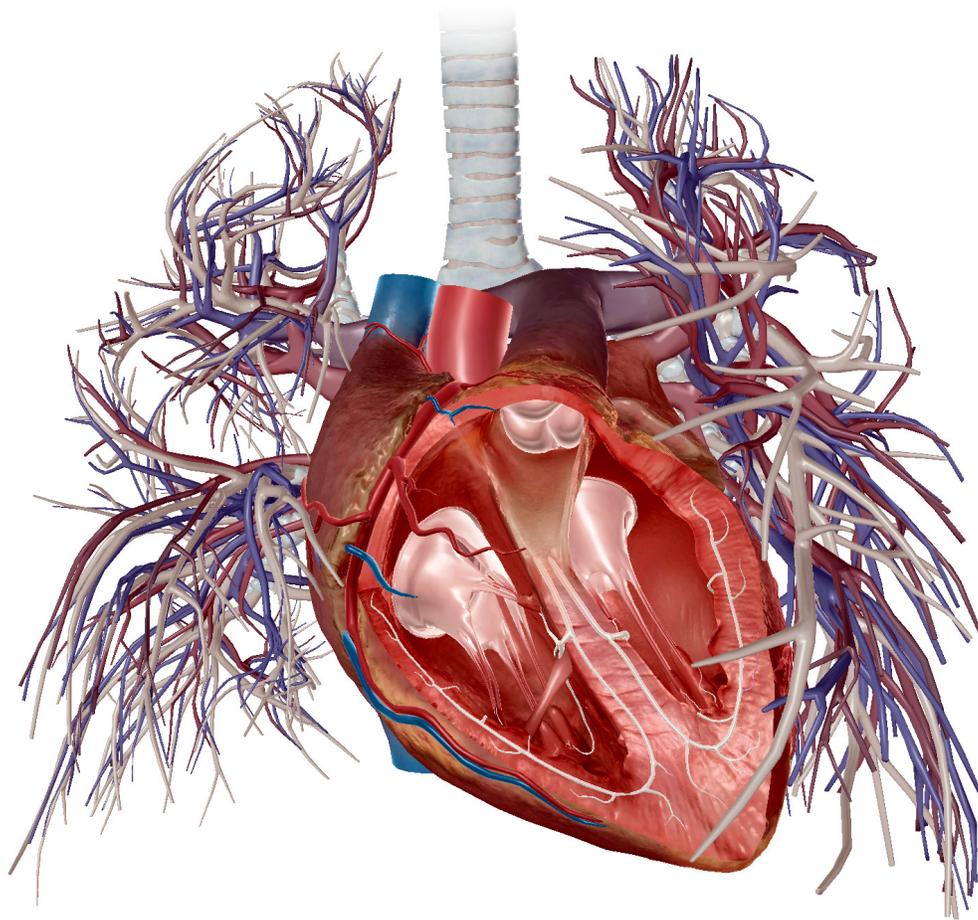
### **Activity 3: Pulmonary Circulation Lab**

#### **1. Launch the view!**

- If you're already in AR mode: point your camera at the image below.
- If you're not in AR mode:
  - Open Visible Body Suite.
  - Search for and select the view "Pulmonary Circulation."
  -  **Launch AR mode.**

#### **2. Explore the model.**

- Using the information you find on these structures, reorganize the list below so it correctly follows the path of **deoxygenated** blood into the heart and out to the lungs.



Right atrium > pulmonary valve > superior or inferior vena cava > right ventricle > lungs > tricuspid valve > pulmonary arteries

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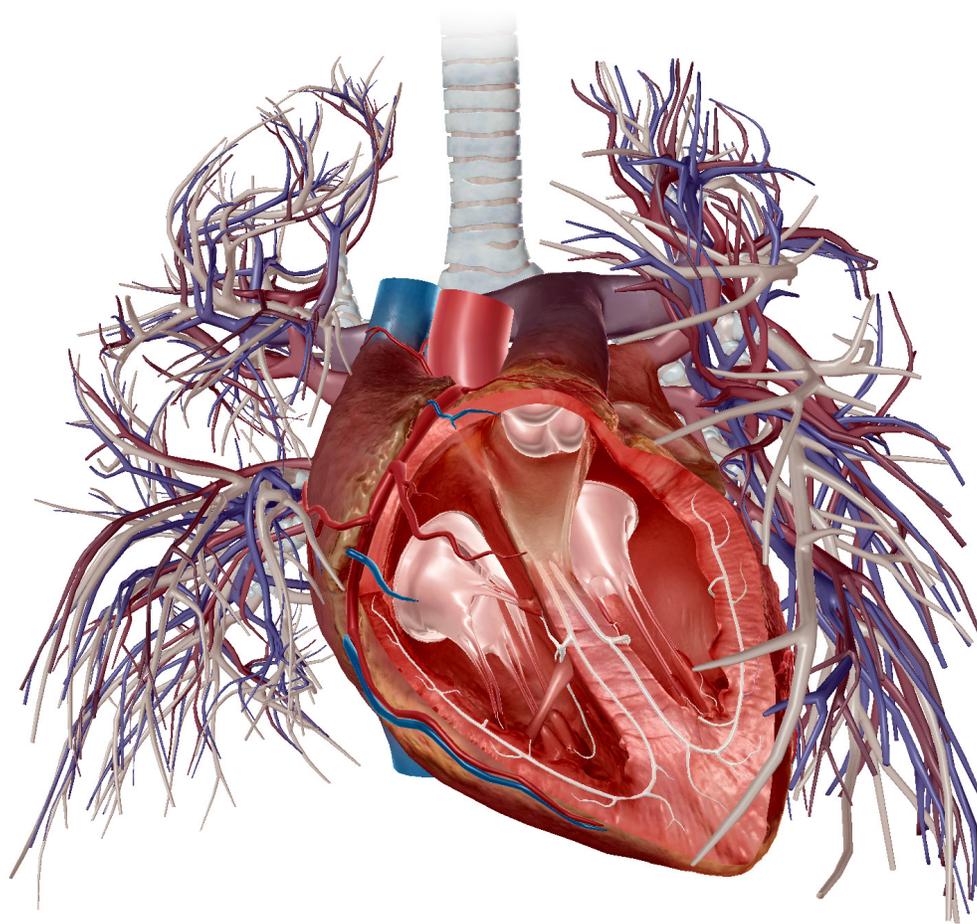
### **Activity 4: Pulmonary Circulation Lab**

#### **1. Launch the view!**

- If you're already in AR mode: point your camera at the image below.
- If you're not in AR mode:
  - Open Visible Body Suite.
  - Search for and select the view "Pulmonary Circulation."
  -  **Launch AR mode.**

#### **2. Explore the model.**

- Using the information you find on these structures, reorganize the list below so it correctly follows the path of **oxygenated** blood into the heart and out to the lungs.



Pulmonary veins > left atrium > left ventricle > aortic valve > aorta > lungs > body

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