

## Standard 4 Evaluation

# Results

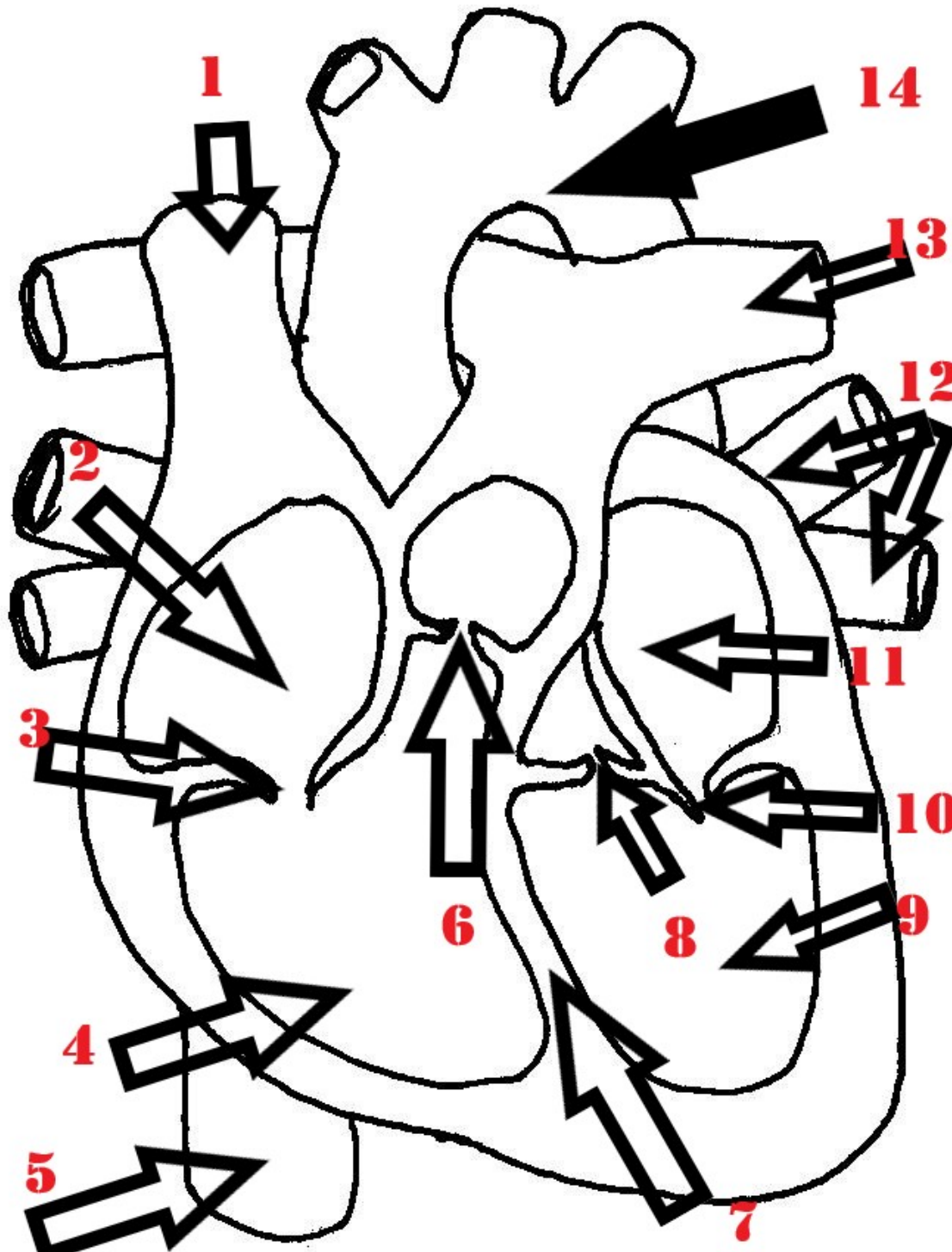
87.23%  
Score

41  
Out of 47 points

01:20:29  
Time for this attempt

11 / 1 point

What is number 11?



× Left Atrium

Correct Answer:left atrium

Correct Answer: 1 point



Regrade

1

◇ / 1 point

21 / 1 point

Blood brings oxygen into the tissue area where oxygen is transferred to the cells and CO<sub>2</sub> is picked up. What type of vessel is present where this exchange occurs?

Vena Cava



Capillaries

Arterioles

Venules



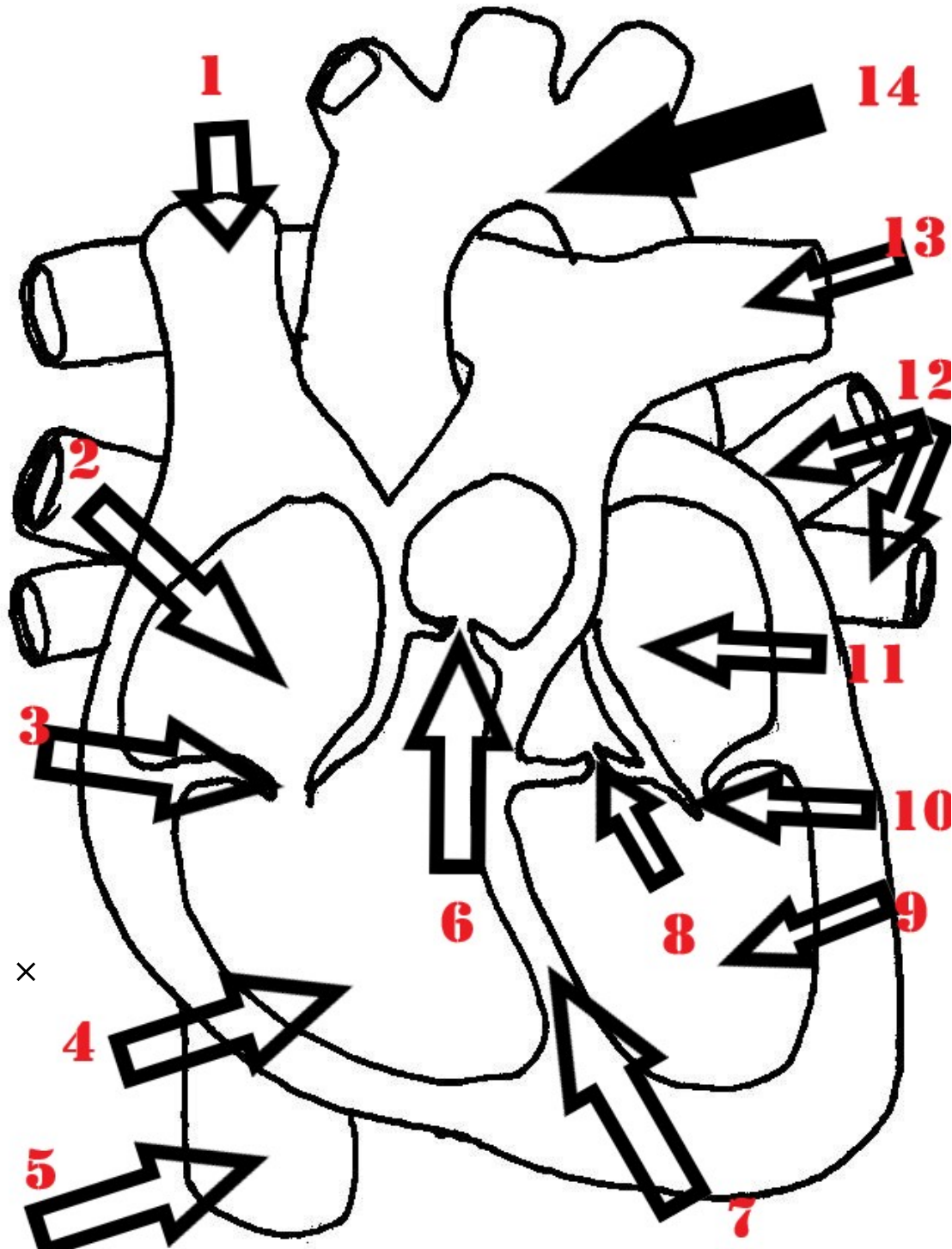
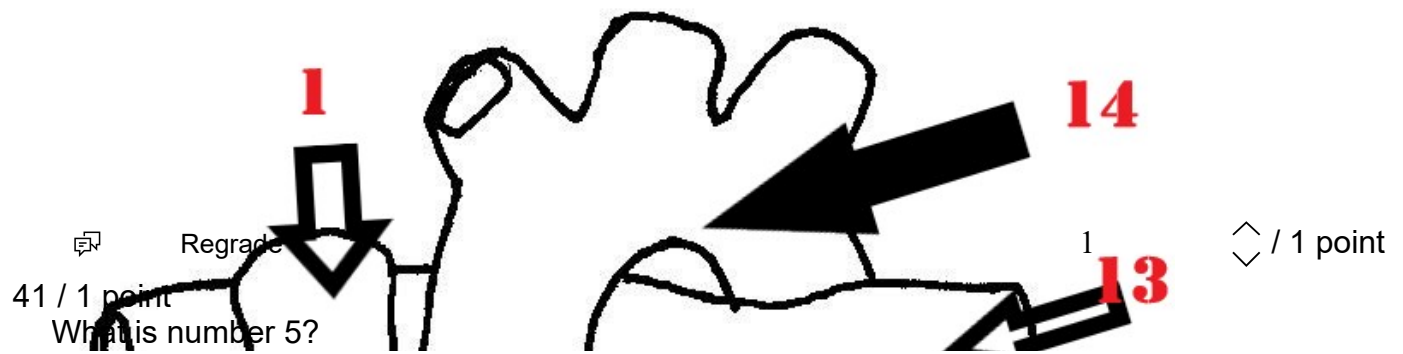
Regrade

1

◇ / 1 point

31 / 1 point

What is number 8?



× Inferior vena Cava

Correct Answer:inferior vena cava



Regrade

1

◇ / 1 point

51 / 1 point

Doctors have determined that in order to remove the blockage in a patient's artery they must insert a balloon into the blood vessel. When inflated this balloon will open up the artery and allow blood to flow thru the area again. What is this procedure called?

By-pass

✓ Angioplasty

Open-heart  
Valve Replacement



Regrade

1

◇ / 1 point

61 / 1 point

Which of the following is NOT a function of the cardiovascular system?

Transports nutrients to the cells

Transports oxygen to the cells

Transports carbon dioxide for removal

✓ Transports DNA to the heart



Regrade

1

◇ / 1 point

71 / 1 point

The muscle that makes up the heart has to constantly contract and relax. As a result it has have a constant supply of blood and oxygen so that it can get energy. What blood vessels supply the heart with the blood it needs, in order to get oxygen

Superior Vena Cava

Inferior Vena Cava

✓ Coronary arteries

Aorta



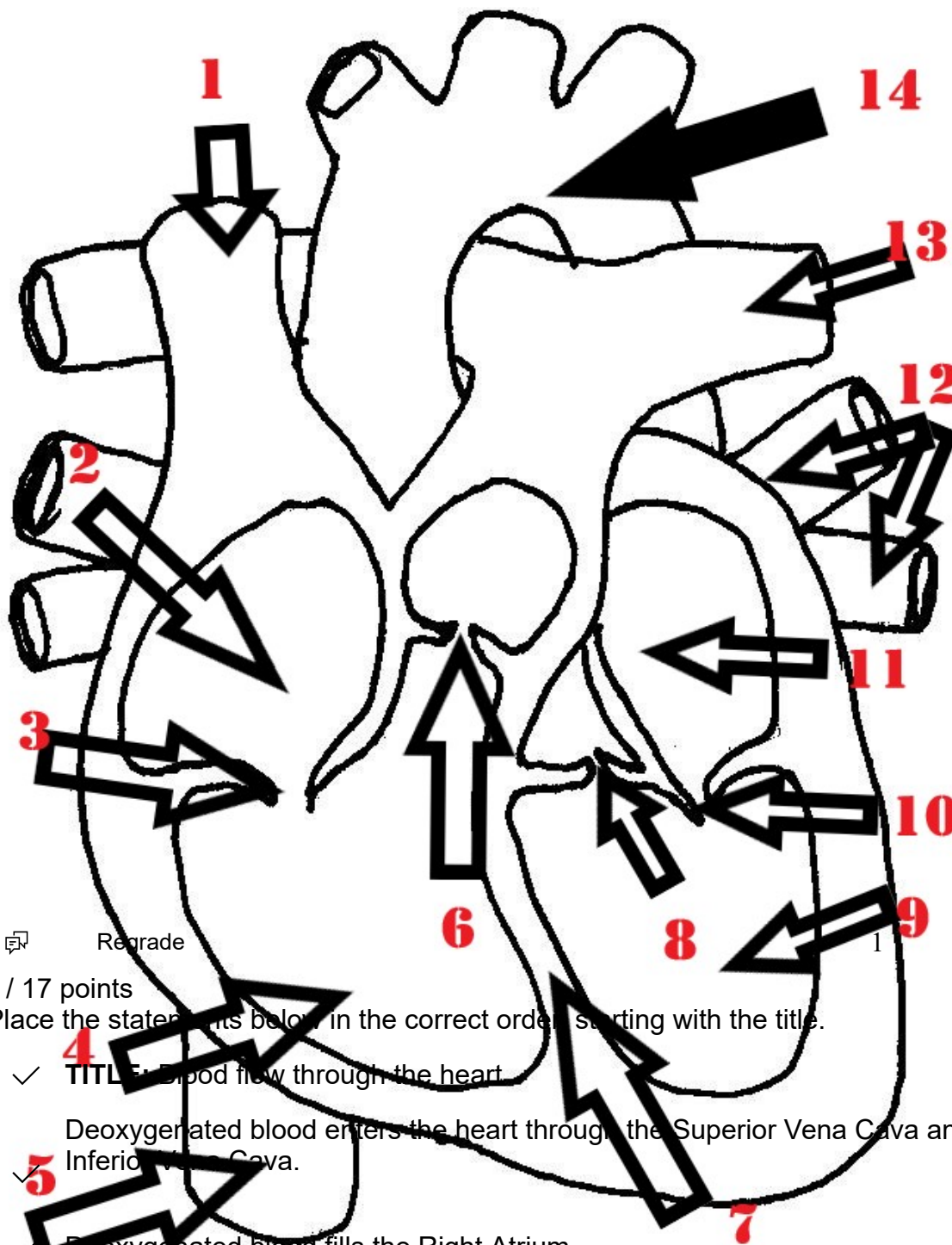
Regrade

1

◇ / 1 point

81 / 1 point

What is number 12?



Regrade

◇ / 1 point

915 / 17 points

Place the statements below in the correct order, starting with the title.



**4** **TITLE:** Blood flow through the heart



Deoxygenated blood enters the heart through the Superior Vena Cava and the Inferior Vena Cava.



Deoxygenated blood fills the Right Atrium.



Left pulmonary vein.



Both atria walls contract and the deoxygenated blood goes down to fill the Right Ventricle.

Correct Answer: pulmonary veins



Both ventricles contract and deoxygenated blood leaves the Right Ventricle through the Pulmonary Arteries.



Deoxygenated blood enters both lungs, releases excess carbon dioxide and picks up oxygen to become Oxygenated blood.



Oxygenated blood travels back to the heart through the Pulmonary Veins.



Oxygenated blood enters the heart and fills the Left Atrium.

- ✓ Both atria contract and oxygenated blood travels down to fill the Left Ventricle.
- ✓ Both ventricles contract and oxygenated blood leaves the heart through the ascending and descending Aorta.
- ✓ Oxygenated blood leaves the aorta and travels down the body to smaller arteries.
- ✗ Oxygenated blood leaves the arterioles and enters into capillaries in the body.

Correct Answer: Oxygenated blood leaves the smaller arteries and enters into arterioles.

- ✗ Oxygenated blood leaves the smaller arteries and enters into arterioles.

Correct Answer: Oxygenated blood leaves the arterioles and enters into capillaries in the body.

- ✓ Capillaries in the body release oxygen from oxygenated blood, into the tissues and the blood then picks up carbon dioxide.
- ✓ The deoxygenated blood travels from the capillaries, up the body to the venules.
- ✓ Deoxygenated blood travels from the venules to smaller veins.
- ✓ Deoxygenated blood travels from the smaller veins to the superior and inferior vena cava.



Regrade

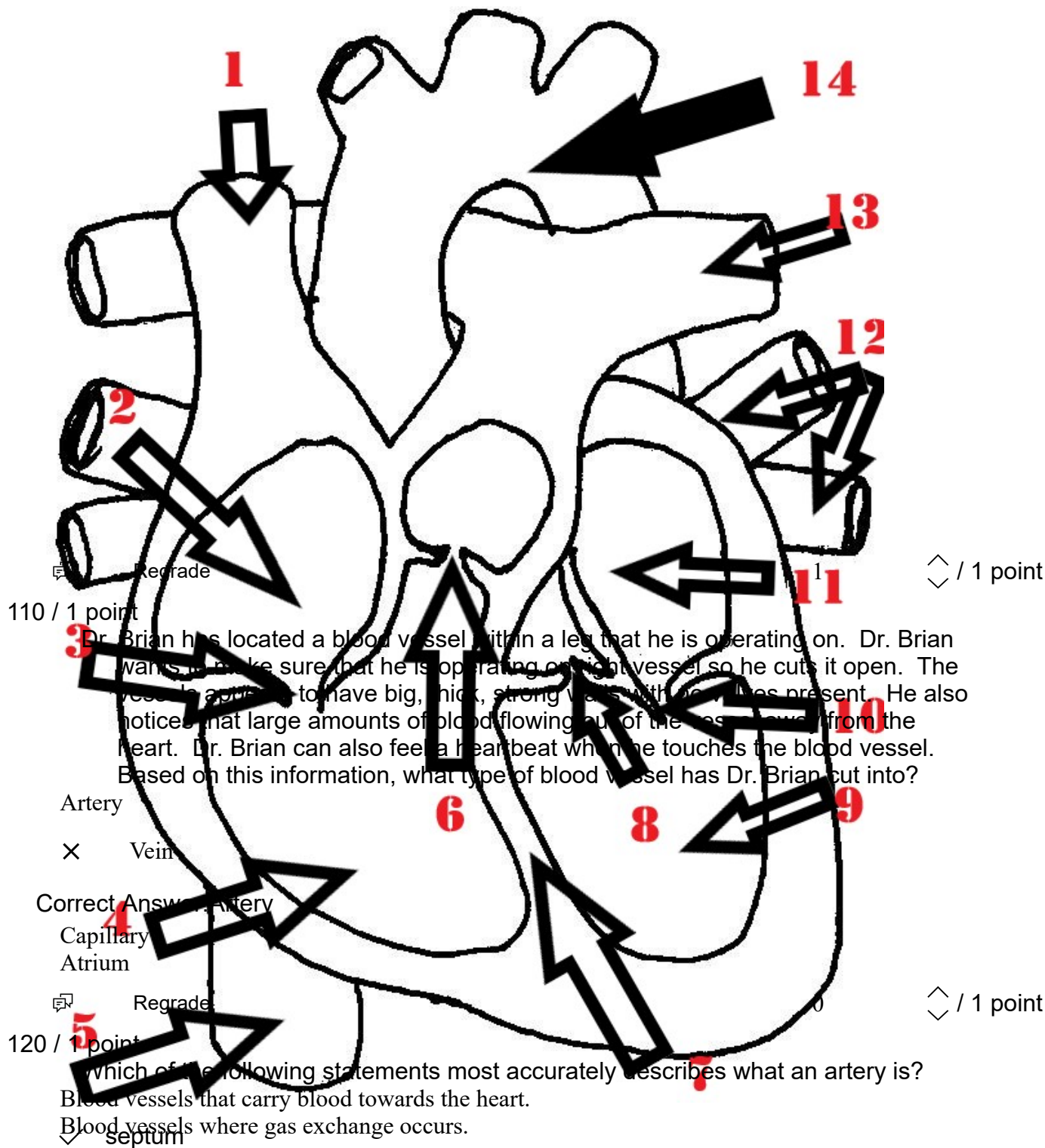
15

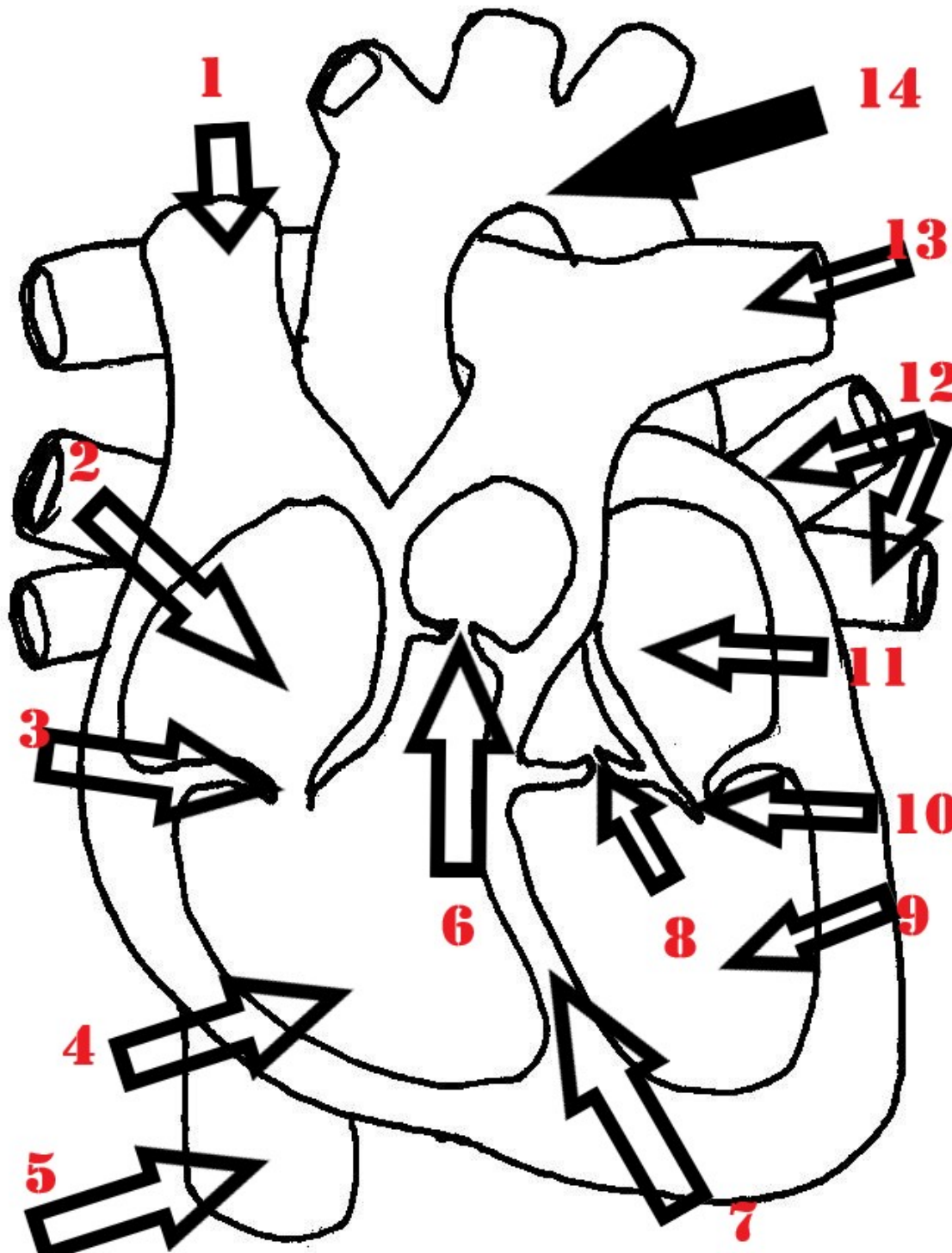
◇ / 17 points

101 / 1 point

What is number 7?







✗ Tricuspid valve  
Regrade

1

◇ / 1 point

14 Correct Answer: tricuspid valve

The circulatory system has three systems within it. Which of the systems below do not belong in the circulatory system?

Systemic Circulation

✓ Lymphatic Circulation

Pulmonary Circulation

Cardiac Circulation

Regrade

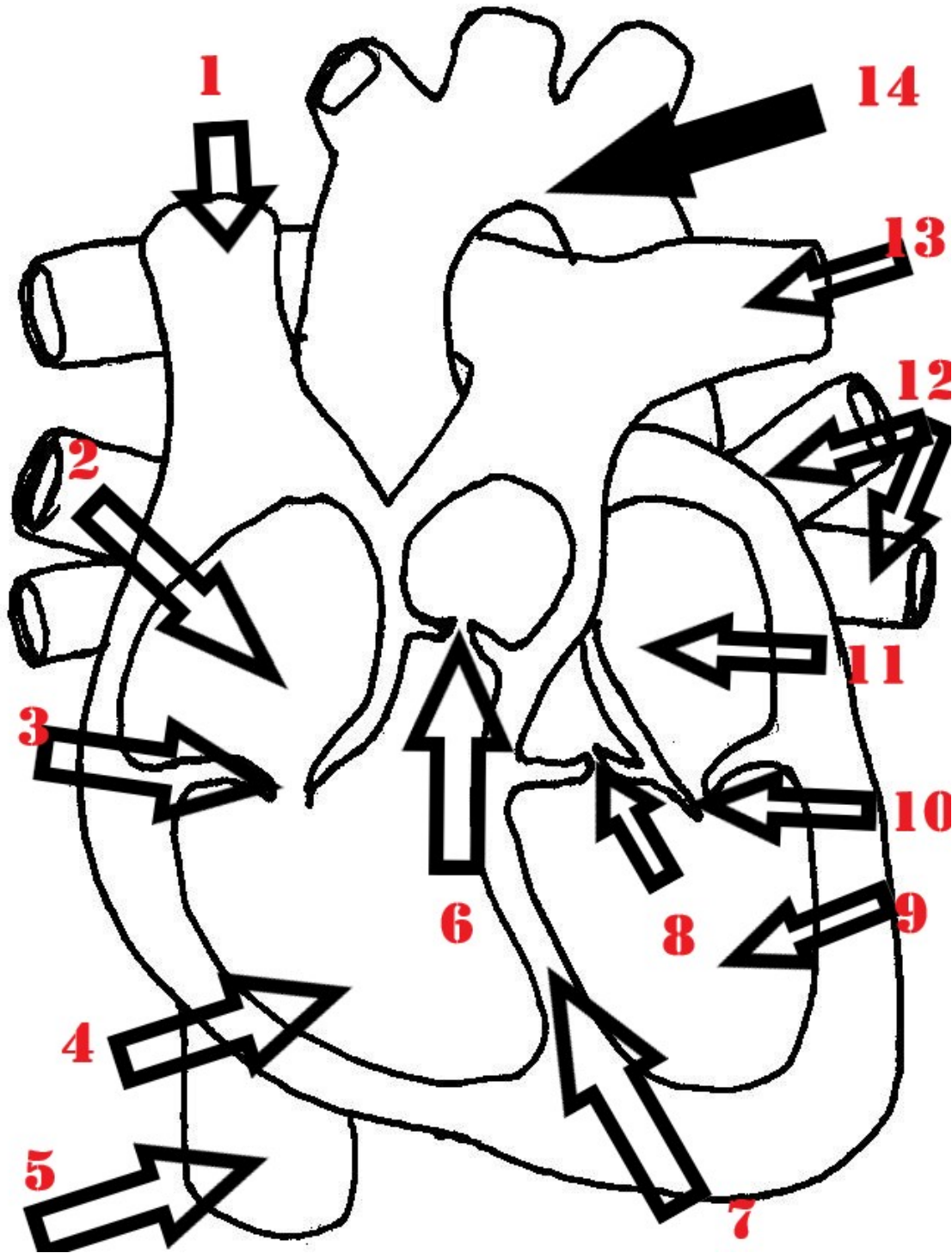
1

◇ / 1 point



151 / 1 point

What is number 13?



✓ Left pulmonary artery



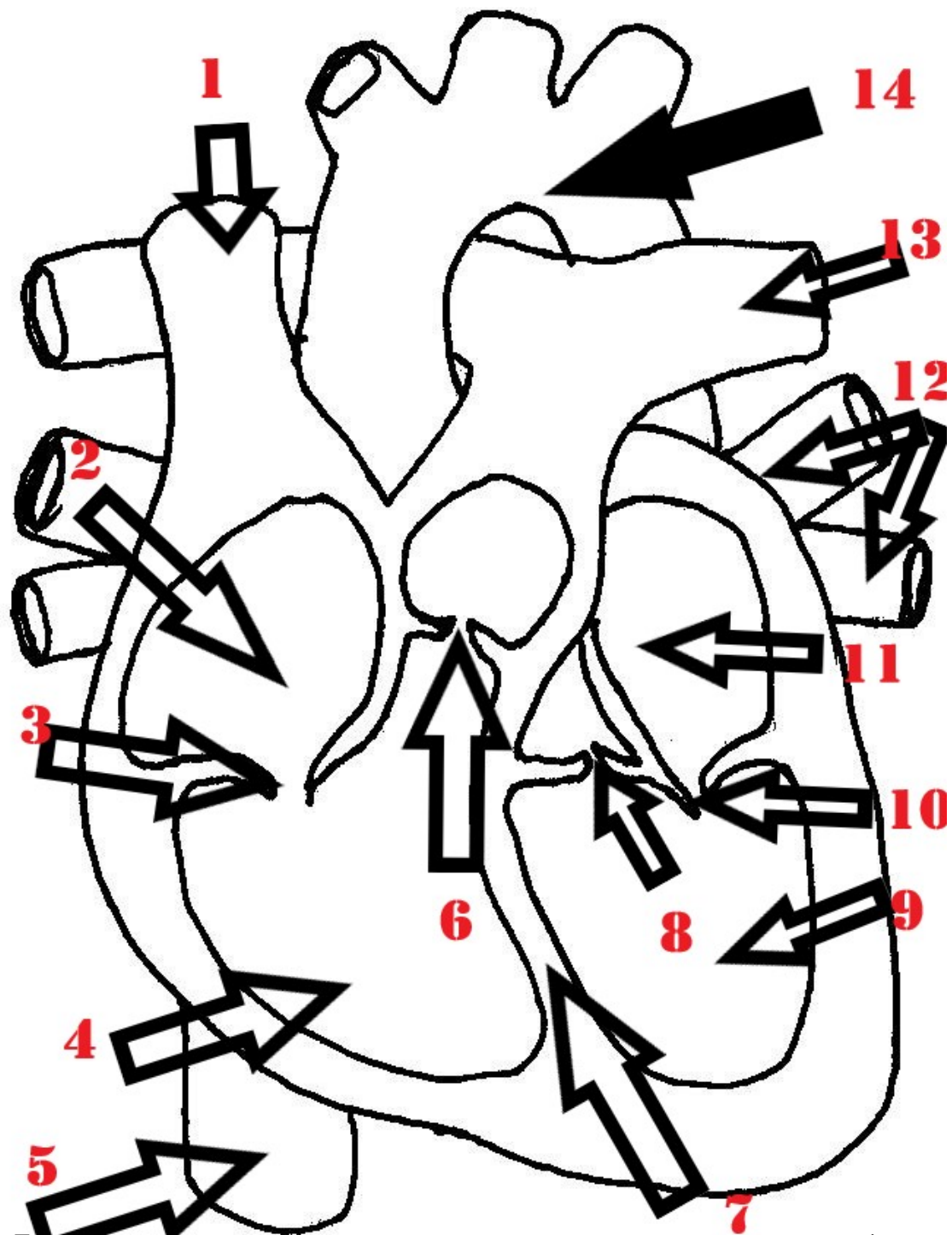
Regrade

1

◇ / 1 point

161 / 1 point

What is number 4?



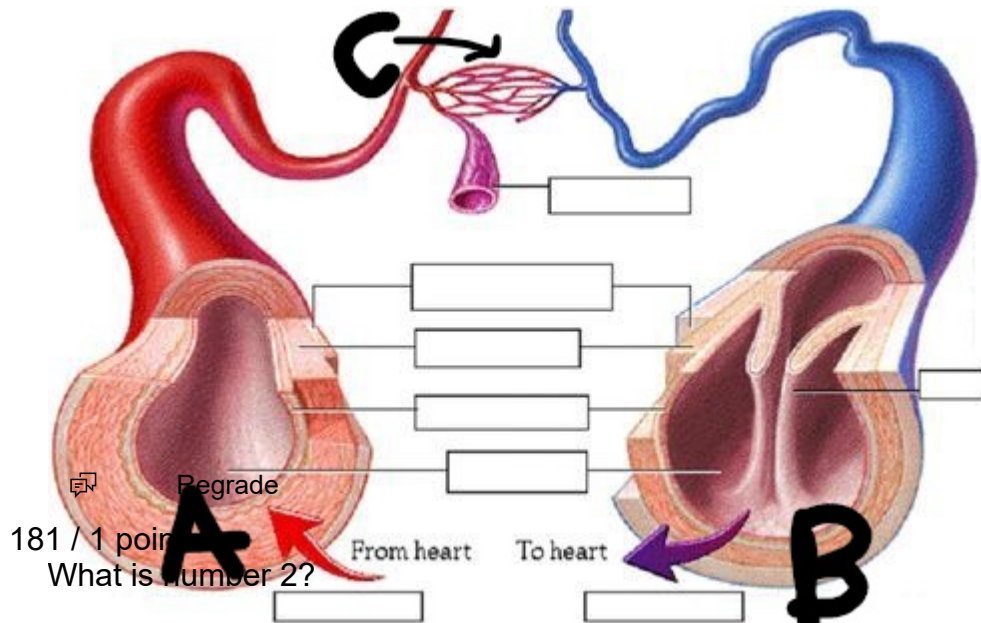
Regrade

1


/ 1 point

171 / X point Right ventricle

Use the diagram above to determine which statement is the most accurate.  
 Correct Answer:right ventricle



1

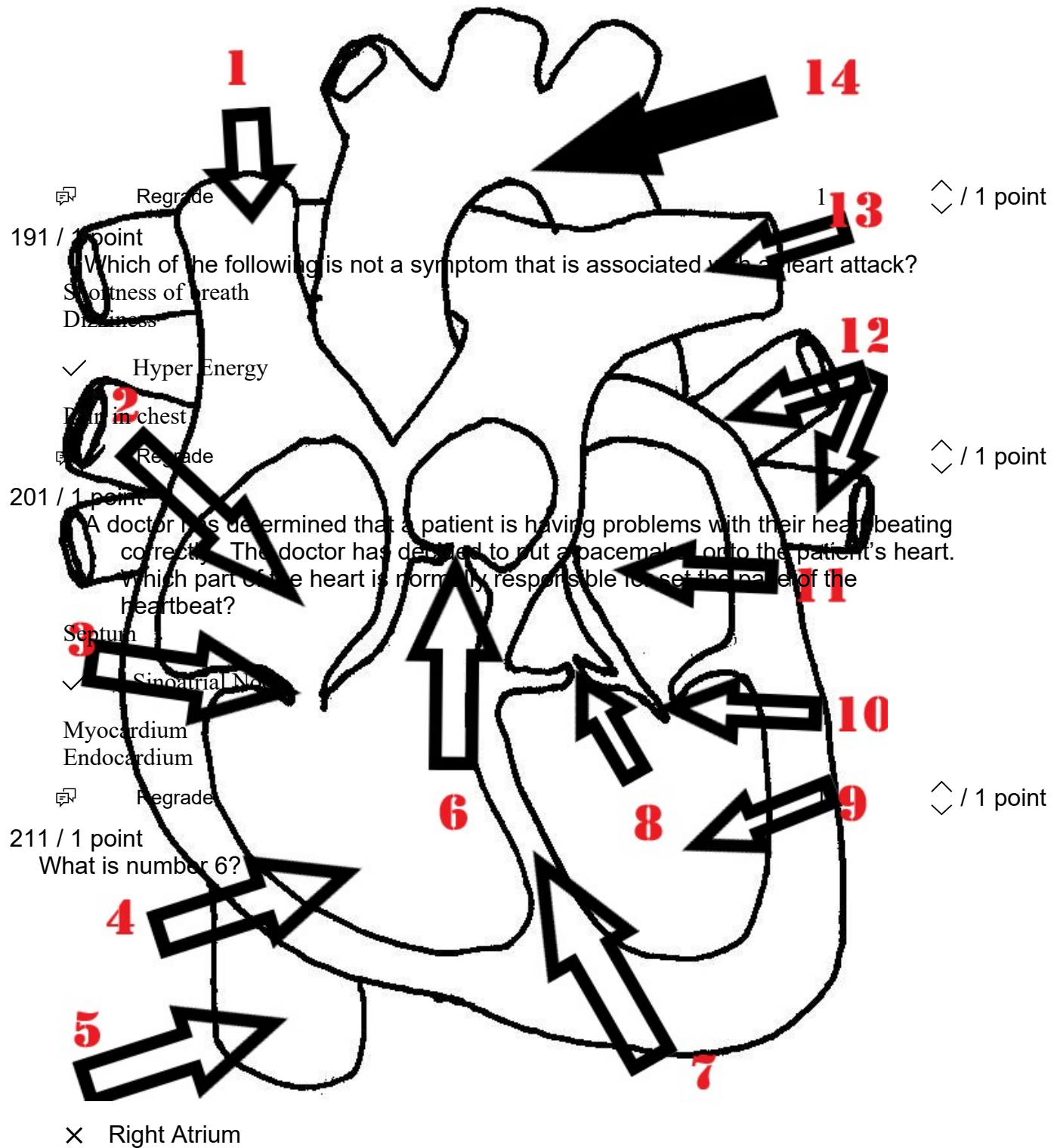
 / 1 point

Vessel A is a vein and Vessel B is an artery

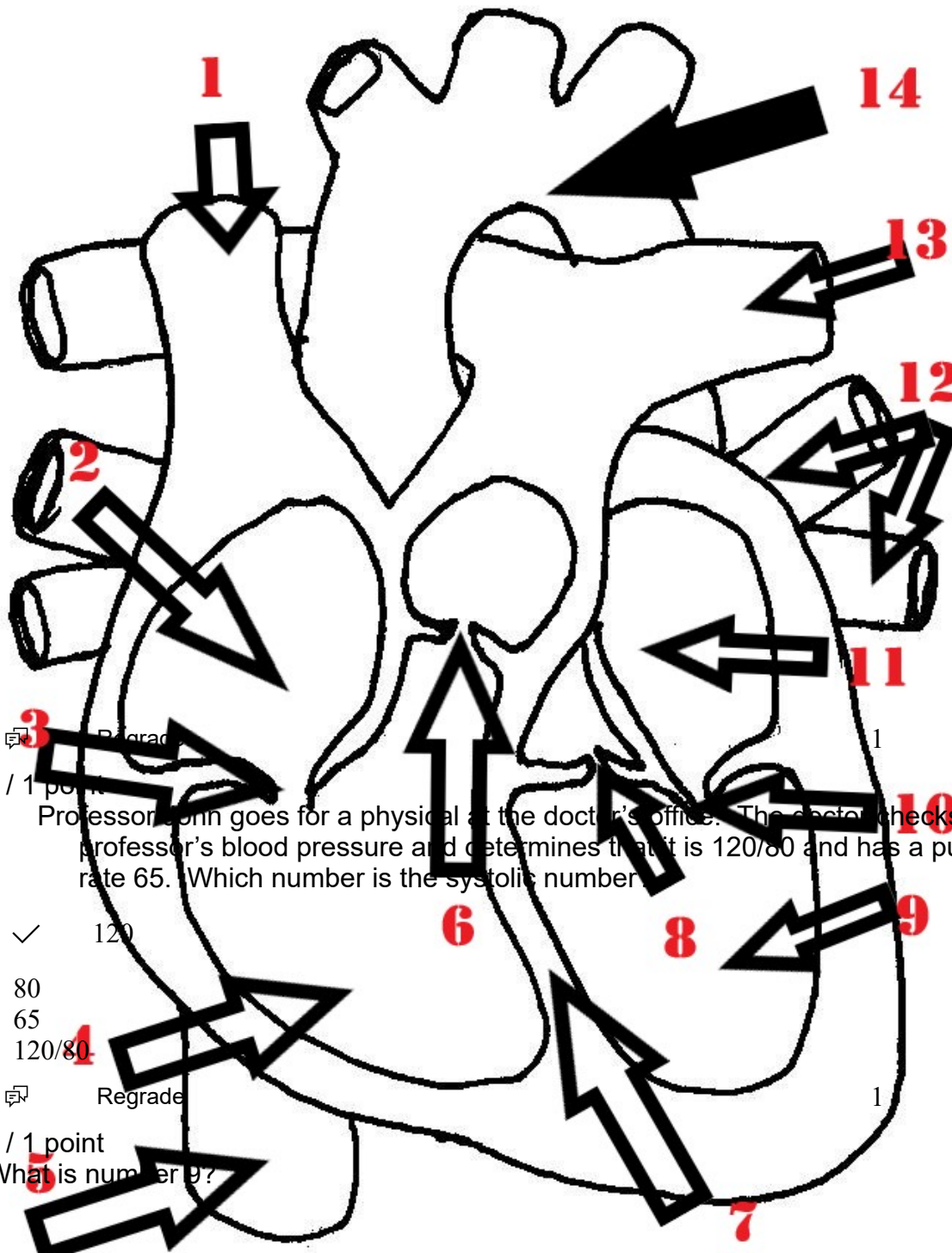
Vessel A is an artery and Vessel B is a capillary

✓ Vessel A is an artery and Vessel B is a vein

Vessel A is a capillary and Vessel B is an artery







221 / 1 point

Professor John goes for a physical at the doctor's office. The doctor checks the professor's blood pressure and determines that it is 120/80 and has a pulse rate 65. Which number is the systolic number?

✓ 120

80

65

120/80

231 / 1 point

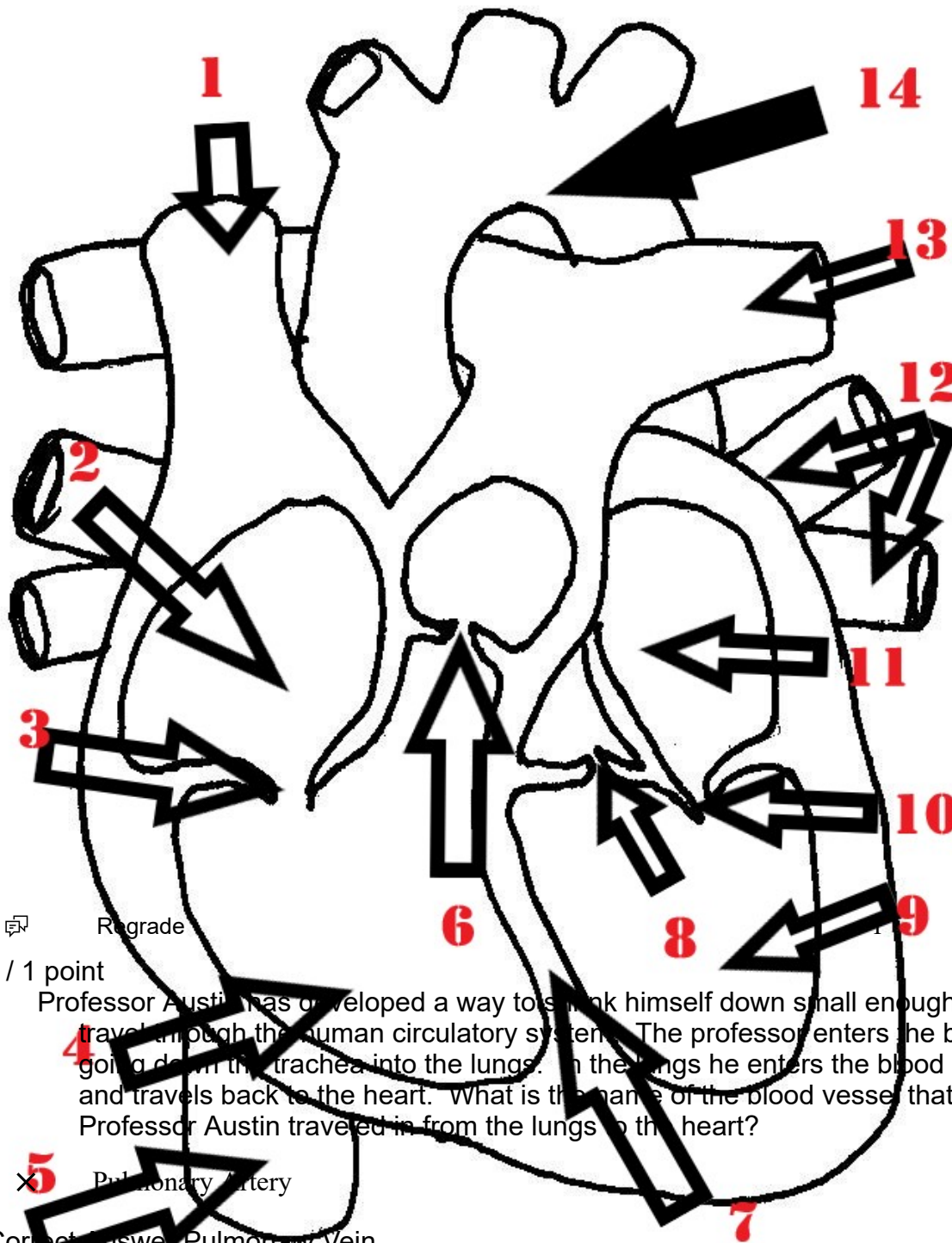
What is number 9?

✗ pulmonary vavle

Correct Answer:pulmonary valve

◇ / 1 point

◇ / 1 point



Regrade



/ 1 point

240 / 1 point

Professor Austin has developed a way to sink himself down small enough to travel through the human circulatory system. The professor enters the body by going down the trachea into the lungs. In the lungs he enters the blood system and travels back to the heart. What is the name of the blood vessel that Professor Austin traveled in from the lungs to the heart?

5

Pulmonary Artery

Correct Answer: Pulmonary Vein

Pulmonary Vein  
☒ Left ventricle  
☐ Carotid Artery

Vena Cava

Correct Answer: left ventricle



Regrade

0



/ 1 point

251 / 1 point

Tess is taking her pulse rate after basketball practice. She puts her fingers just below her jaw where she can feel the heart beating. Which of the following blood vessels is Tess using to check her pulse?

Vena Cava

✓

Carotid



Femoral  
Jugular

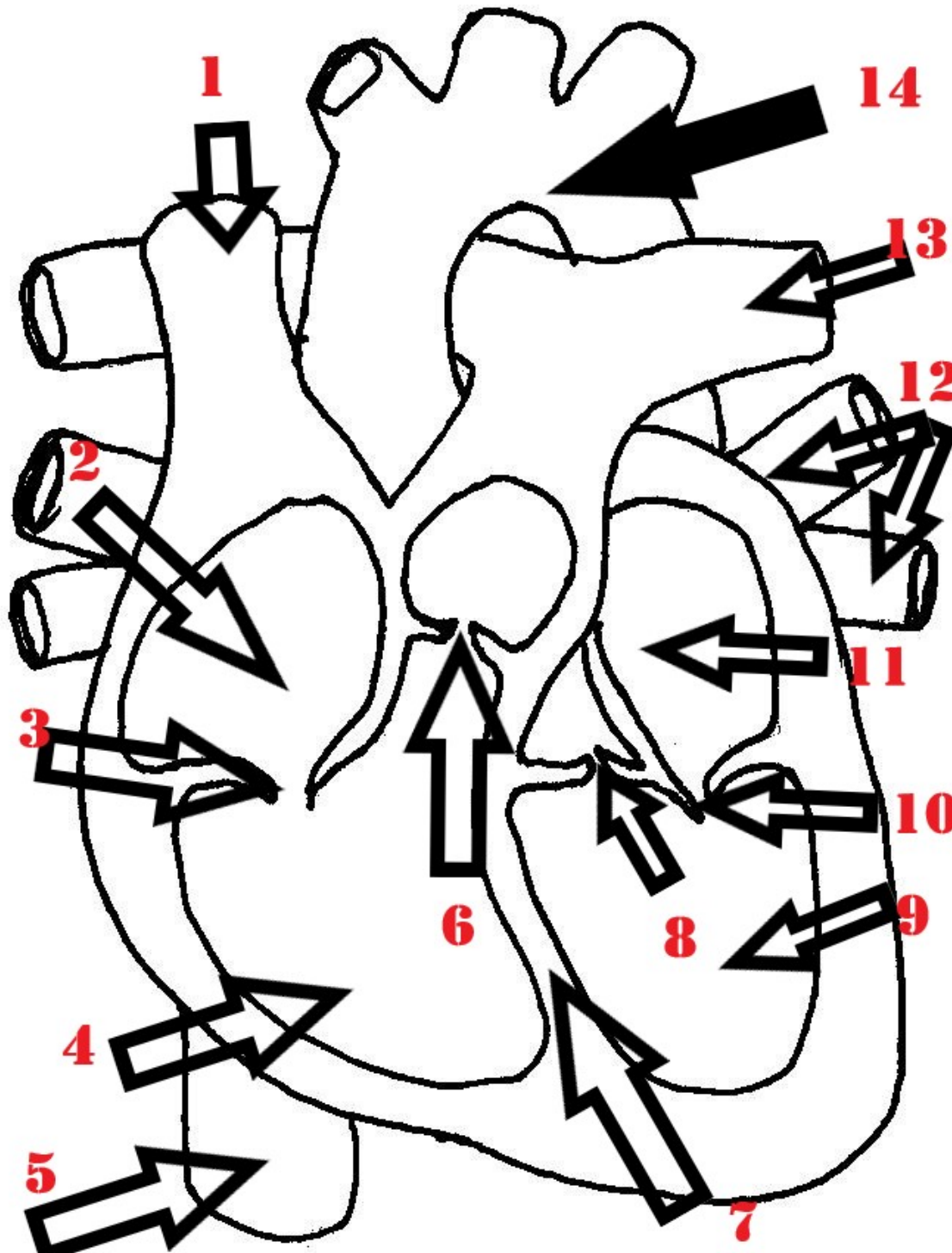
Regrade

1

◇ / 1 point

261 / 1 point

What is number 14?



X Ascending Aorta

Correct Answer: ascending aorta



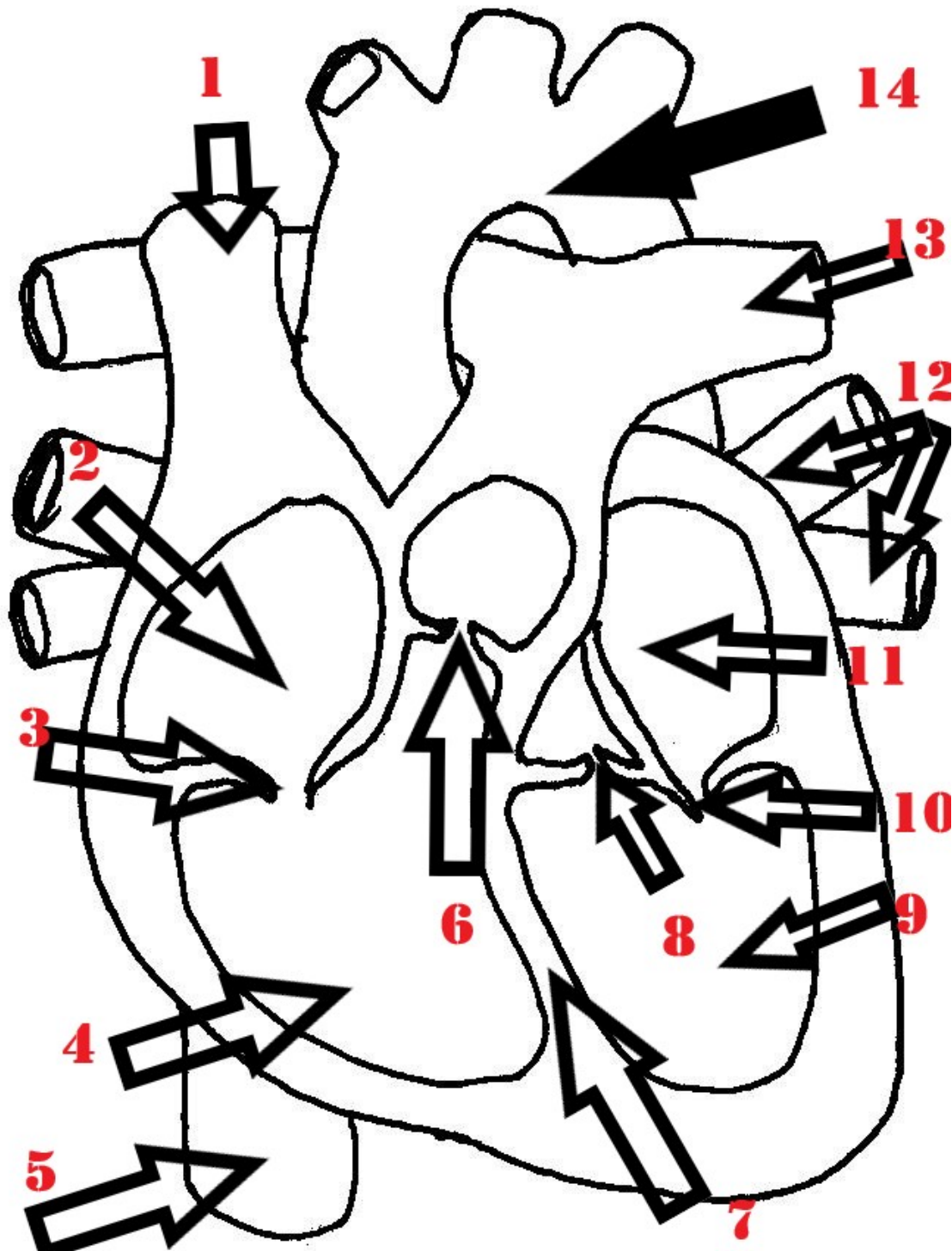
Regrade

1

◇ / 1 point

271 / 1 point

What is number 1?



✓ superior vena cava



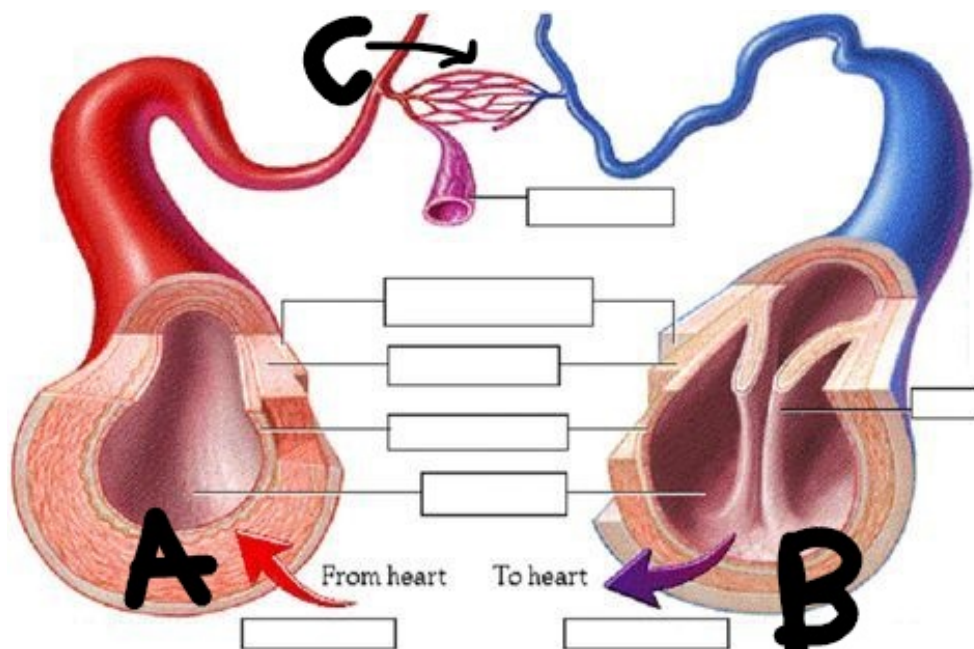
Regrade

1

◇ / 1 point

281 / 1 point

Which of the following structures is C pointing to in the diagram above?



Regrade

1

/ 1 point

291 / 1 point

The heart is composed of a type of striated muscle. What do we call this type of striated muscle?

Capillary  
Vein  
Artery  
Skeletal  
Smooth

✓ Cardiac

Pulmonary

Regrade

1

/ 1 point

300 / 1 point

The portion of blood that allows for the transfer of CO<sub>2</sub> and O<sub>2</sub> is known as

\_\_\_\_\_.  
Red blood cells  
White blood cells

✗ Hemolog

Correct Answer: Red blood cells

Both A & C

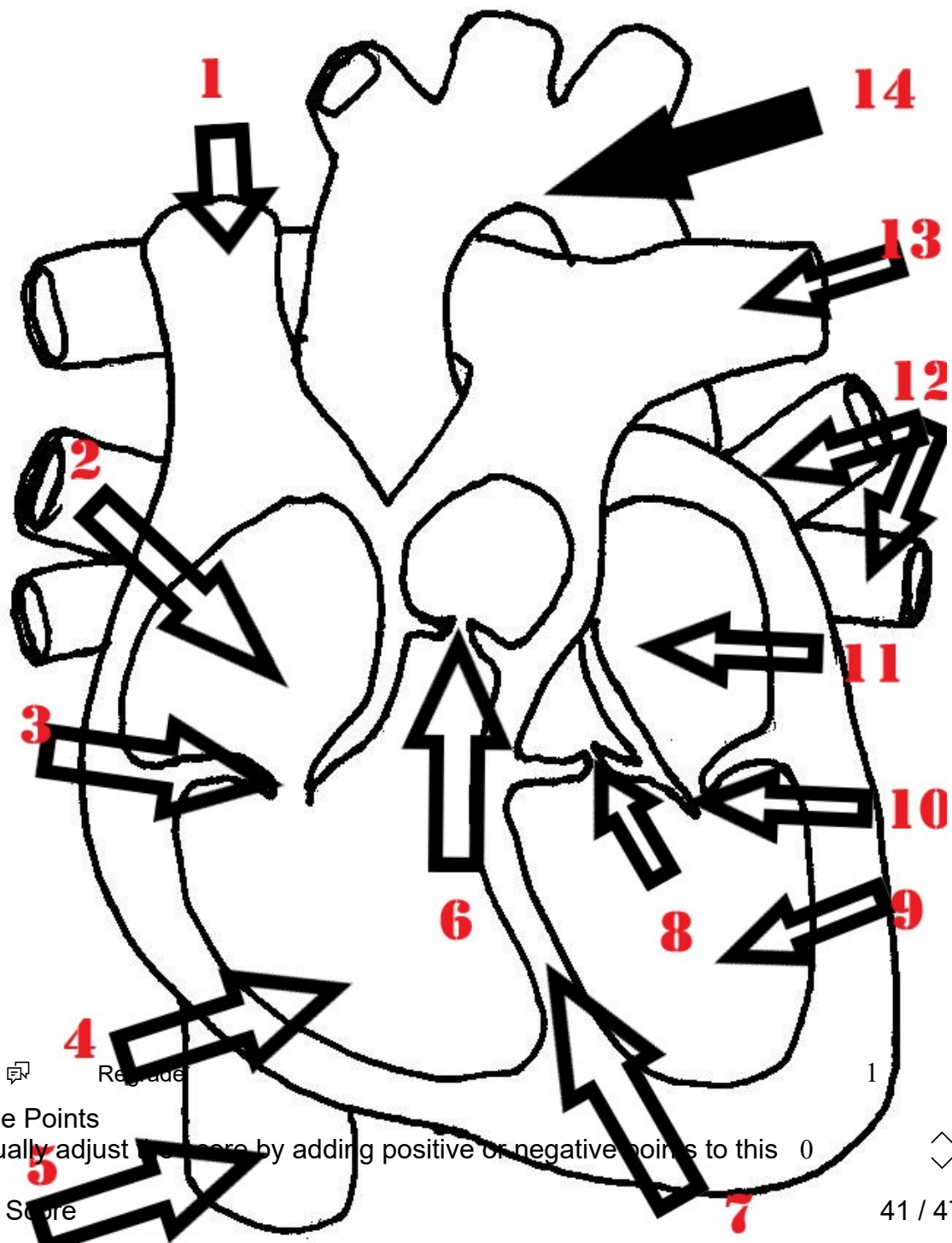
Regrade

0

/ 1 point

311 / 1 point

What is number 10?



Regrade

Fudge Points

Manually adjust the score by adding positive or negative points to this box

Final Score

◇ / 1 point



41 / 47

X mitral valve

X (no answer)

Correct Answer:bicuspid valveCorrect Answer:mitral valve