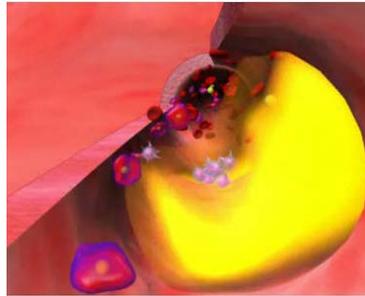


Name _____ Hour _____

Heart Attack!!



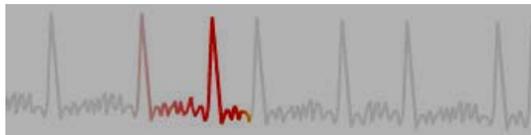
List 3 symptoms that indicate a possible heart attack.

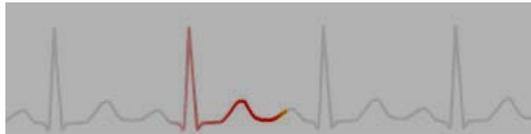
1. _____
2. _____
3. _____

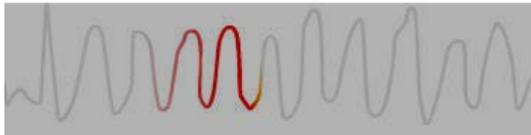
Label:

Plaque Platelets

Heart Rhythms - identify these heart rhythms:







Circulatory System

Web

Links

Animated Heart

Select *Human Heart/Animated Heart*

Study the flow of blood through the heart

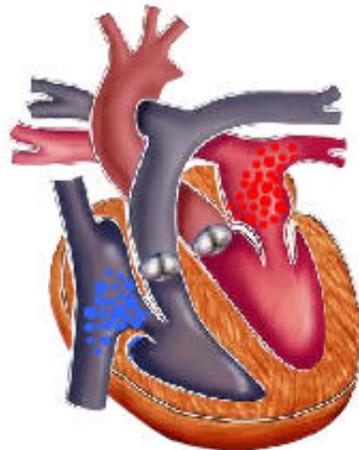
Narrated Tour (of the heart)

Select *Human Heart/Narrated Tour*

Hint: click the arrow to continue through the tour

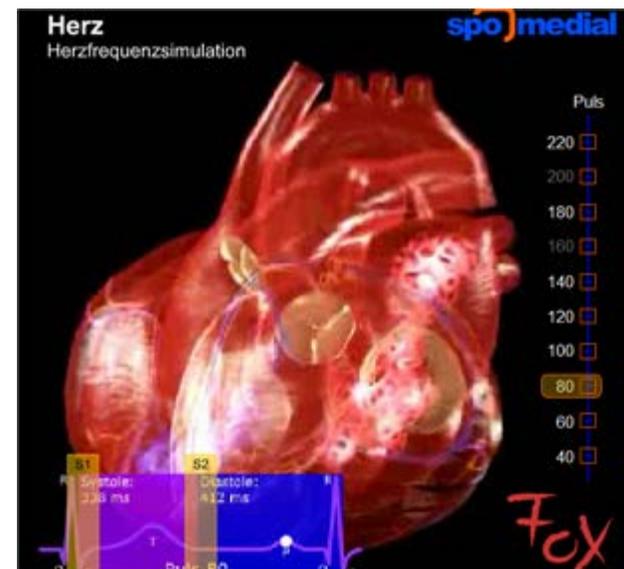
Label:

Tricuspid valve
right ventricle
pulmonary arteries
left ventricle aorta
superior vena cava
inferior vena cava
right atrium
left atrium
bicuspid valve



Heart Rate Simulator

1. Listen to your own heart beat (use the stethoscope)
2. Set the simulator as close to your own resting heart rate as you can. What is the setting? _____
3. Now run in place for about 30 seconds. Listen to your own heart again.
4. Set the simulator to your new heart rate. What is the setting? _____
5. The Mayo clinic suggests a healthy exercise heart rate for someone 18 years old and without health problems should be between 121 to 172 beats per minute. Set the simulator so you can hear the upper and lower limits of this range.



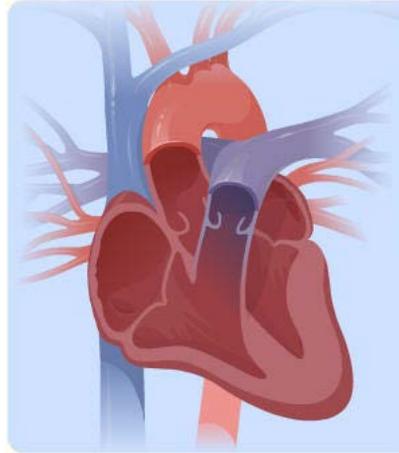
Heart Simulator

Click the PLAY arrow and watch the simulation. Check out the tutorials. Even though this is quite technical, write down two things that you learned from this simulation.

- 1.
- 2.

Heart Contraction and Blood Flow

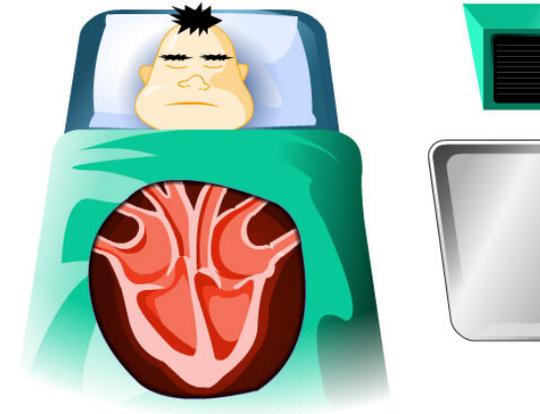
Label all four VALVES in this diagram:



- aortic valve
- tricuspid valve
- pulmonary valve
- mitral valve

Blood and Circulation Simulator

Label the diagram (the labels will show after you resuscitate him)



The Circulatory System

View the Lesson and take the test:

- Q1 A B C (circle one)
- Q2 A B C (circle one)

The Heart is a Double Pump

View the Lesson and take the test:

- Q1 A B C (circle one)
- Q2 A B C (circle one)