

Quick Jeopardy

Write the four categories on the board. As teams choose a category, provide them with the following answers, to which they must come up with the corresponding questions.

ANSWERS			
The Heart as an Organ	The Circulatory System	Biomedical Engineering	Heart Disease
A: Two	A: Arteries, veins and capillaries	A: Biomedical engineers	A: Disease of the blood vessels supplying the heart muscle
A: Four	A: Red blood cells	A: A balloon catheter; stent or drugs	A: Heart disease
A: The aorta	A: Respiration and nutrition	A: Prosthetic valve	A: Modifiable, somewhat modifiable, non-modifiable, other
A: One-way valves	A: White blood cells	A: Caged-ball: metal ball in a cage, blood flows one way, ball gets pushed into cage, blood flows around the ball through the valve, when blood flows the other way in pushes the ball over the valve preventing blood from flowing backward	A: High blood pressure, tobacco use, physical inactivity, unhealthy diets

QUESTIONS			
The Heart as an Organ	The Circulatory System	Biomedical Engineering	Heart Disease
Q: How many pumps in the human heart?	Q: What are three types of blood vessels?	Q: What are the types of engineers who work on medical devices?	Q: What is coronary heart disease?
Q: How many chambers in the human heart?	Q: What are the types of blood cells that carry oxygen?	Q: What are ways to unblock an artery?	Q: What disease is the second leading cause of death for people aged 15 to 59 years?
Q: What receives all the oxygenated blood from the heart and distributes to the rest of the body?	Q: What are two functions of the circulatory system?	Q: What is one way to help a valve that is not working?	Q: What types of risk factors are involved with heart disease?
Q: What kinds of valves are located in the heart?	Q: What are types of blood cells that protect the body from disease?	Q: How does one prosthetic valve work (caged-ball, tilted disc)?	Q: What are modifiable risk factors for heart disease?