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Atherosclerosis Worksheet

1. What is atherosclerosis?
2. What are the causes of atherosclerosis?
3. Can atherosclerosis be prevented? If so, how?
4. What are the treatments used for atherosclerosis?
5. What are some of the dangers associated with atherosclerosis?
6. Why do you think it would be beneficial for doctors to know more about the history of atherosclerosis?
7. How has modern technology played a part in treatment and detection of atherosclerosis?
8. List all websites used to answer these questions:

Atherosclerosis Worksheet Answer Key

1. What is atherosclerosis? The build-up of plaque on the inside of blood vessels.
2. What are the causes of atherosclerosis? Sedentary lifestyle, diabetes, obesity, cigarette smoking, high cholesterol, and can be genetic. (Can list more)
3. Can atherosclerosis be prevented? If so, how? Not entirely, but you can decrease your risk by avoiding many of the causes.
4. What are the treatments used for atherosclerosis? Changes in lifestyle, medication for high cholesterol, and coronary artery bypass surgery. (Can list more)
5. What are some of the dangers associated with atherosclerosis? Heart attacks and strokes.
6. Why do you think it would be beneficial for doctors to know more about the history of atherosclerosis? Doctors could find more information about other possible causes of this disease. Through this information they could find better ways to treat atherosclerosis. (Answers may vary).
7. How has modern technology played a part in detection and treatment of atherosclerosis? Doctors can now perform ultrasounds on your arteries to better detect atherosclerosis. Coronary angiography is the most accurate means of detection for this disease. It involves inserting a catheter with a camera into a vein in your leg and moving it up into your heart. There are better medications that can help control your cholesterol. (Answers may vary).
8. List all websites used to answer these questions: Answers will vary.