

Non-communicable disease

Reading – pages 34-38 higher, pages 35-37 foundation

Knowledge

1. Name four lifestyle factors associated with disease
2. What is 'health'?
3. What is a 'non-communicable disease'?
4. What is a 'benign' tumour?
5. What is 'cardiovascular disease'?
6. What do statins do?
7. What is a 'stent'?
8. Why is it so important that heart valves work properly?
9. Name the two type of replacement heart valves.
10. What is a 'carcinogen'?

Apply

1. Evaluate the use of artificial hearts rather than a heart transplant in a person that is in heart failure

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2. Explain, with a named example, how one disease can sometimes cause another

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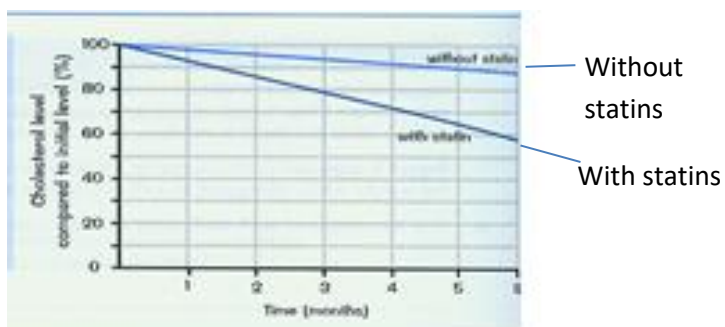
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3. Explain how a malignant tumour in the stomach is able to spread to other parts of the body

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4. Look at the graph below which shows the results of a drugs trial with 6000 patients. 3000 patients were given a tablet containing statins, 3000 were not. Both groups were given advice on changing their lifestyle and diet.



a) Describe the two conclusions that can be made from the results

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b) What is the name given to the group that were not given statins?

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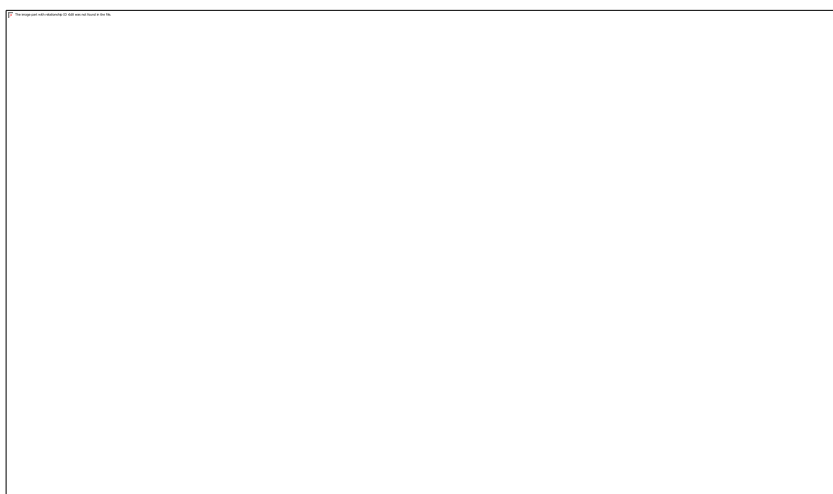
c) What would they have been given instead?

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d) Give one reason that the results of this trial would be considered to be reliable

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5. Look at the graph below.



Compare the incidence of disease for the different weight groups. Don't forget to include data.

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