

Unit 6 HEART DISEASE

Task 1

Before you read an article, think of what you already know about the subject. Discuss the following questions with a partner.

What are the causes and symptoms of heart disease?

Is heart disease hereditary?

What ways do we have to prevent and treat heart disease?

What about heart disease and sport?

Task 2

For each paragraph, read the first sentence and think of a question that you expect this paragraph to answer. Then choose the question below that is most like your question. The first paragraph has been done as an example.

___ A How has the change in attitude affected people's behaviour?

___ B How are attitude and behaviour changes affecting people's health?

___ C How are people's attitudes changing?

1 D What are the effects of these discoveries about heart disease?

Heart Disease and Changing Attitudes

- 1 In the last decades of the twentieth century, medical researchers showed that heart disease is associated with certain factors in our daily lives: stress, smoking, poor nutrition, and lack of exercise. Doctors and other health experts began to emphasise the fact that we can reduce the risk of heart disease by paying attention to these factors. As a result, many people realize that there is a connection between heart disease and lifestyle.
- 2 This new awareness is changing public attitudes about health. In the past, people tended to think that it was sufficient to have access to doctors on whose expertise they could rely. Now people understand that merely receiving the best treatment for illness or injury is not enough. They have learned to take more responsibility for maintaining and improving their own health.
- 3 The shift in attitude can be seen in some behavioural changes that have occurred since the 1970s. In the United States today, many smokers have broken the habit and fewer people take it up. The percentage of smokers is far below the level of the 1960s and 1970s. People are becoming more serious about reducing stress. Many have changed their diets and are eating food with less fat and cholesterol. More people are aware of the benefits of regular and frequent exercise like walking, running, and swimming; some even walk or bicycle to work instead of driving or using public transportation.
- 4 The health effects of these changes in attitude and behaviour are clear. Since the 1950s, the number of deaths from heart disease per 100,000 has fallen. A partial explanation for this is that better diagnosis and treatment is helping people avoid or survive heart attacks. However, health experts have no doubt that much of the improvement has occurred because a better-educated public has become aware of the benefits of prevention.

Task 3

Identify the sentence that best expresses the main idea of the article.

- a) Better methods of diagnosis and treatment have reduced the number of deaths from heart disease in the United States.
- b) Medical research has shown that people should reduce the amount of fat they eat.
- c) As a result of information about the causes of heart disease, people are changing the way they think about health care and are leading healthier lives.
- d) The percentage of Americans who smoke today is much lower than it was in the 1970s.

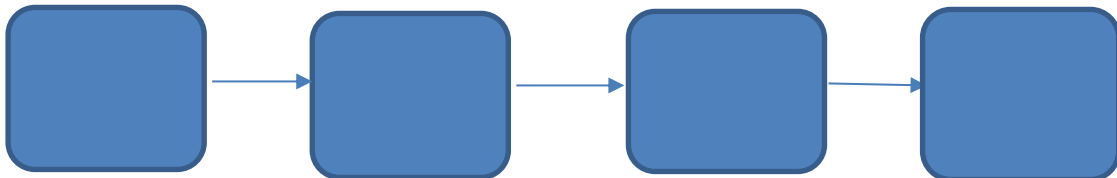
Task 4

Look back at the article to answer the following questions.

1. What factor does the writer NOT associate with heart disease?
 - a) Unhealthy food
 - b) Cigarettes
 - c) Poverty
 - d) Lack of regular exercise
2. The article suggests that doctors in the past did not always inform their patients about the importance of exercise and good nutrition for health. True or false?
3. What change in attitude does the writer describe?
4. It is still too early to see results from the change in attitude that the article describes. True or false?

Task 5

Complete the flowchart below with the steps in the process of change in attitudes towards heart disease.



Task 6

Find words in the article that are similar in meaning to the following:

- To be connected with something (par. 1)
- To give special importance to sth. (par. 1)
- Knowing sth. (par. 2)
- Enough (adjective) (par. 2)
- A change in position or direction (par. 3)
- Happened, existed (par. 3)
- A feeling of being uncertain or not believing sth. (par. 4)
- Helpful effect (par. 4)

(adapted from Pakenham, K.J. *Making Connections*. CUP, 2004)

Task 7 Grammar - tenses

Explain the differences between the sentences:

1. People are becoming more serious about reducing stress. – People become fat after giving up smoking.
2. Many people have changed their diets. – Many people changed their diets.
3. The number of people with heart disease has fallen. – The number of people with heart disease has been falling.

Task 8 “How healthy is your diet” questionnaire

Formulate questions for a questionnaire on eating habits. Ask about the following things:

- portions of fruit and vegetables
- types of carbs (wholemeal bread, etc.)
- skipping meals
- eating junk food
- adding salt to meals

Task 9 Sports nutrition

Complete the text with suitable words, the first letter is given.

P____ performance requires c_____ to training and a number of other aspects. Our d____ - what we eat and drink - is one of the areas which can influence sports performance. Sports nutrition is the what, when and how much of food and f_____ we should consume.

Macronutrients and micronutrients

1. The keys to good nutrition are *b_____*, *variety and moderation*. To stay healthy, your body needs the right balance of **carbohydrates, fats**, and **p_____** - the three main components of nutrition, or m_____ nutrients.
2. You also need micronutrients, that is **vitamins, minerals** and other s_____ from many different foods, and while some foods are better than others, no single food or food group has it all - so eating a variety of different foods is e_____.

Moderation means eating neither too much nor too little of any food or n_____. Too much food can result in e_____ weight and even too much of certain nutrients, while eating too little can lead to numerous nutrient deficiencies and low body m_____.