

AQA GCSE Biology (Higher) For the Summer 2022 Exams

Flashcard Notes - 3.1.3 Bacterial diseases

Copy the questions and answers below onto flashcards and use them to test yourself.

Name two diseases caused by bacteria.

Salmonella food poisoning and gonorrhoea are two diseases caused by bacteria.

What is *Salmonella* food poisoning?

Salmonella food poisoning is food poisoning caused by a group of bacteria called *Salmonella*. The symptoms include fever, abdominal cramps, vomiting and diarrhoea. These symptoms are caused by the bacteria and the toxins they secrete.

How do *Salmonella* bacteria spread from person to person?

Salmonella bacteria spread on food prepared in unhygienic conditions.

How is the spread of *Salmonella* bacteria prevented?

The spread of *Salmonella* bacteria is prevented by vaccinating poultry (birds that are kept for meat or eggs).

What is gonorrhoea?

Gonorrhoea is a sexually transmitted disease (STD), with symptoms including a thick yellow or green discharge from the vagina or penis, and pain when urinating. It is caused by a bacterium.

How is gonorrhoea treated?

Gonorrhoea is treated with antibiotics to kill the bacteria.

How is the spread of gonorrhoea prevented?

The spread of gonorrhoea is prevented in the following ways:

- The use of barrier methods of contraception such as condoms
- The treatment of infected people with antibiotics

What method used to be used to treat gonorrhoea and why is this no longer effective?

The antibiotic penicillin used to be used to treat gonorrhoea. However, this has led to the evolution of many penicillin-resistant strains of the bacteria that cause gonorrhoea.