

Exercise walk-through

Sexually transmitted infections ■ 16.6

eXercise

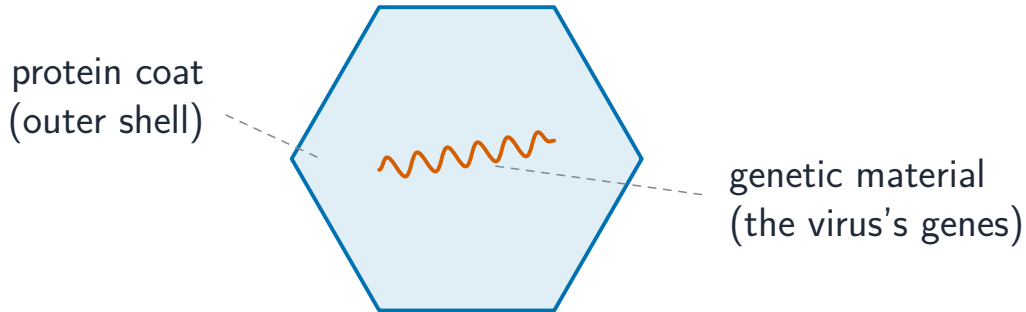
You must be able to

- define an STI
- describe HIV as a virus that can lead to AIDS, and how it spreads
- state methods to control the spread of STIs

Method — HIV/AIDS

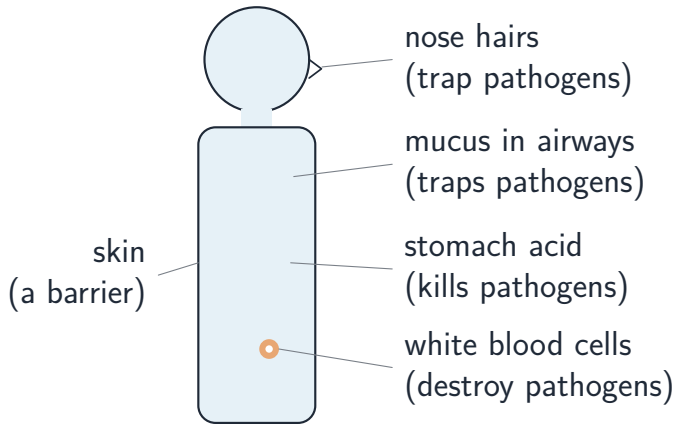
- **spread:** infected body fluids — unprotected sex, sharing needles, mother to baby.
- **control:** condoms, fewer partners, testing/treating, not sharing needles.

Method — HIV/AIDS



A virus: protein coat around genetic material

Method — HIV/AIDS



The body defends against sexually transmitted infections

Practice 2.1 ■ 1 mark

Define a sexually transmitted infection.

Solution 2.1

Method: HIV/AIDS

Worked steps

an infection spread through sexual contact **B1**.

Practice 2.2 ■ 1 mark

State the type of pathogen that causes HIV.

Solution 2.2

Worked steps

a virus **B1**.

Exam-style 3.1 ■ 1 mark

HIV is spread by:

A coughing and sneezing

B infected body fluids

C touching surfaces

D insect bites only

Solution 3.1

A coughing and sneezing

B infected body fluids



C touching surfaces

D insect bites only

Worked steps

B. HIV is spread in infected body fluids.

Exam-style 3.2 ■ 1 mark

HIV can lead to AIDS.

- (a) State what happens to the immune system in AIDS.
- (b) State two ways to control the spread of HIV.

Solution 3.2

Method: HIV/AIDS

Worked steps

- (a) the immune system stops working properly **B1**.
- (b) any two of: use condoms; have fewer partners; test and treat infected people; do not share needles **B1** **B1**.