

Week 7 Concepts: Epidemiology of Infectious Diseases

Respiratory, Digestive, and Urogenital System Pathogens

Prepare: Respiratory, Digestive, and Urogenital System Pathogens

A woman is much more likely than a man to contract a UTI. Which of the following practices would best reduce her chances of getting a UTI?

Using birth control pills

Not wearing tight-fitting clothes

Wiping with toilet paper in a front-to-back direction

Daily antibiotic dose

What features of the respiratory system protect it from infection?

Nasal hairs

Cilia

Mucus

Macrophages

All of the choices are correct.

Defenses of the GI tract against pathogens include_____.

All of the choices are correct

peristalsis

mucus, acid, and saliva

secretory IgA and

lysozyme

GALT (gut-associated lymphoid tissue)

True or False: Despite acidic conditions, some microorganisms have been found residing within the human stomach.

True

False

Cold viruses are transmitted by_____.

droplet contact

direct contact

All of the choices are correct.

indirect contact

Self Check: Streptococcal pharyngitis

Which of the following statements is not true regarding streptococcal pharyngitis?

It presents with a purulent exudate over the tonsils.

It can lead to serious sequelae.

It can lead to scarlet fever if it is an erythrogenic toxin-producing strain.

It is usually caused by the viridian streptococci.

It causes redness, difficulty in swallowing, and fever.

Self Check: The Mantoux test

The Mantoux test is a type IV hypersensitivity reaction.