

- 1. Which vaccines do teens need?**
  - A.** Meningococcus, HPV, Tdap, and influenza vaccines
  - B.** MMR and hepatitis B vaccines
  - C.** Chickenpox and rotavirus vaccines
  - D.** Hepatitis A and pneumococcal vaccines
- 2. Teens, especially college freshmen, are at increased risk of getting what vaccine-preventable disease?**
  - A.** Meningococcal disease
  - B.** Pneumococcal disease
  - C.** Measles
  - D.** Rubella
- 3. What company made a system to help track suspected influenza?**
  - A.** Google
  - B.** Facebook
  - C.** Apple
  - D.** Microsoft
- 4. How many types of HPV have been identified?**
  - A.** About 50
  - B.** More than 100
  - C.** About 75
  - D.** Less than 10
- 5. Which of the following is not a reason why males should receive the HPV vaccine?**
  - A.** To prevent head and neck cancer
  - B.** To prevent genital warts
  - C.** To decrease HPV transmission
  - D.** To prevent gonorrhea
- 6. Why do adolescents receive the Tdap vaccine instead of the DTaP vaccine?**
  - A.** To confuse the parents of the adolescent receiving the vaccine
  - B.** To reduce the occurrence of side effects that would typically occur in adolescents after receiving the DTaP vaccine
  - C.** To receive more diphtheria component
  - D.** To receive more pertussis component
- 7. What virus causes swelling of the glands of the head and neck, often making infected individuals look like chipmunks?**
  - A.** Measles virus
  - B.** Mumps virus
  - C.** Influenza virus
  - D.** Rubella virus
- 8. What vaccine-preventable disease can cause death within hours of infection?**
  - A.** Shingles
  - B.** Chickenpox
  - C.** Pertussis (whooping cough)
  - D.** Meningococcal disease
- 9. What is one of the most common sexually transmitted infections in the United States?**
  - A.** HPV
  - B.** HIV
  - C.** Hepatitis A
  - D.** Hepatitis B
- 10. What vaccine leads to a stronger immune response than what would occur after natural infection?**
  - A.** HPV vaccine
  - B.** Hepatitis B vaccine
  - C.** Rotavirus vaccine
  - D.** Chickenpox vaccine

**1. The correct answer is A**

Teens are recommended to receive one dose of meningococcus vaccine, two or three doses of HPV vaccine, one dose of Tdap vaccine, and an annual dose of influenza vaccine. Recommendations for COVID-19 vaccine are updated annually, so teens may also need this vaccine.

**2. The correct answer is A**

Teens and young adults have an increased risk of becoming infected with meningococcus. College freshmen who live in dorms are particularly susceptible to meningococcus. For this reason, teens and young adults, particularly college freshmen living in dorms, should receive a dose of meningococcus vaccine.

**3. The correct answer is A**

Google created Google Flu Trends to learn about influenza interest in the community based on internet searches.

**4. The correct answer is B**

More than 100 types of HPV have been identified. Some have been found to cause disease. Types 16 and 18 are the most common causes of cervical cancer, and types 6 and 11 are the most common causes of anal and genital warts.

**5. The correct answer is D**

The HPV vaccine is important for preventing head and neck cancer and genital warts in males but does not prevent gonorrhea (a sexually transmitted disease). Further, by giving HPV vaccine to males, transmission between sexual partners will decrease.

**6. The correct answer is B**

Side effects associated with the DTaP vaccine were more common in people 7 years of age and older. By reducing the quantity of diphtheria and pertussis components, researchers found that side effects occurred less frequently. For this reason, adolescents now receive the Tdap vaccine instead of the DTaP vaccine.

**7. The correct answer is A**

Mumps virus infects the salivary glands in about 35 of 100 people infected with the virus. When these glands begin to swell, the infected person often looks like a chipmunk.

**8. The correct answer is D**

Death can occur within hours of being infected with *Neisseria meningitidis*, the bacteria that causes meningococcal disease. Those who survive meningococcal infection usually have permanent disabilities, such as limb amputation, hearing loss, brain damage and kidney failure.

**9. The correct answer is A**

HPV is one of the most commonly occurring sexually transmitted diseases in the U.S. HPV infects both men and women and about 13 million new infections occur every year.

**10. The correct answer is A**

The HPV vaccine, which prevents cervical cancer in women, elicits a stronger immune response and thus provides greater protection against the virus than if a person gained immunity to the virus from infection. Hib and tetanus vaccines also provide greater protection than acquiring immunity through natural infection.

More trivia:  
[vaccine.chop.edu/trivia](https://vaccine.chop.edu/trivia)



This information is provided by the Vaccine Education Center at Children's Hospital of Philadelphia. The Center is an educational resource for parents, the public and healthcare professionals and is composed of scientists, physicians, mothers and fathers devoted to the study and prevention of infectious diseases. The Vaccine Education Center is funded by endowed chairs from Children's Hospital of Philadelphia. The Center does not receive support from pharmaceutical companies. ©2024 Children's Hospital of Philadelphia. 24262-03-2024.