

Measles, Mumps, and Rubella (MMR) Quiz

Instructions: Please highlight the correct answer.

1. **Approximately nine out of 10 susceptible persons with close contact to a measles patient will develop measles.**
 - a. **True**
 - b. False
2. **Which statement regarding measles is accurate?**
 - a. A person can transmit measles virus from three days after exposure until the rash is completely gone
 - b. The most common complication of measles is acute encephalitis with seizures
 - c. **The virus is transmitted by direct contact with infectious droplets or through the air when an infected person breathes, coughs, or sneezes**
 - d. The measles prodrome usually begins three days after exposure, followed by a rash five days after exposure
3. **A healthy 14-month child was exposed to a confirmed case of measles two days ago. The child has never received measles vaccine or had measles.**
 - a. Advise the parents that the child will likely develop measles
 - b. Refer the child to a health care provider for antiviral medication
 - c. Refer the child to health care provider for IG
 - d. **Administer MMR vaccine**
4. **A person who has only mild symptoms of mumps will not transmit the virus to others.**
 - a. True
 - b. **False**
5. **What is the most common symptom of mumps infection?**
 - a. Orchitis
 - b. Symptomatic meningitis
 - c. **Parotitis**
 - d. Ooophoritis

6. Rubella cannot be spread to a susceptible person if the infected person has no rash.

- a. True
- b. **False**

7. During which of the following time periods does rubella infection of a pregnant woman cause the highest risk of birth defects for the infant?

- a. 12 weeks before pregnancy
- b. **Before the 12th week of pregnancy**
- c. After the 20th week of pregnancy
- d. Just before giving birth

8. Which statement about rubella is accurate?

- a. The most common manifestation of CRS in infants is eye defects such as cataracts
- b. Young children are more likely than adults to have complications from rubella infection
- c. Currently, about 1,000 cases of rubella and 20 cases of CRS occur each year in the United States
- d. **The most frequent complication of rubella is joint pain, occurring in about 70% of infected women**

9. What type of vaccine is MMR?

- a. Conjugate
- b. **Live, attenuated**
- c. Subunit, viral
- d. Toxoid

10. What is the median effectiveness against measles after a single dose of MMR?

- a. 78%
- b. **93%**
- c. 97%
- d. 100%

11. MMR vaccine would be routinely recommended for an 11-month-old child who has not received a dose of MMR previously.

- a. True
- b. **False**