

Immunology

Archive

Lecture 11

Medical card .

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Immunology

Lecture 11

1. Which is false about live attenuated vaccine?

- A- contraindicated for immunodeficient people
- B- an example is oral polio
- C- an example is rota virus
- D- least efficient

Answer: D

2. A mutation in the genes encoding the enzyme Bruton's tyrosine kinase (Btk) would lead to which of the following? Select one

- a) Human immuno-deficiency virus (HIV) infection
- b) Acquired immune deficiency syndrome (AIDS)
- c) Severe combined immunodeficiency (SCID) syndrome
- d) Systemic inflammatory response syndrome (SIRS, sepsis)
- e) X-linked agammaglobulinemia

Answer: E

3. The Pfizer vaccine is?

a-mRNA vaccine b-DNA

4. Subunit vaccine from pathogen like _____ less effective alone so use with _____

- A- attenuated vaccine, adjuvant
- B- Toxoid, adjuvant
- C- attenuated vaccine, supplement
- D- Toxoid, supplement

Answer: B

5. Hepatitis B surface antigen (HBsAg) doses

- A- one
- B- two
- C- three
- D- four
- E- five

Answer: C

6. Subunit vaccines recommended in national program

- A- opv
- B- diphtheria, tetanus
- C- hepatitis B

Answer: B

7. Killed vaccine

- A- Sinopharm
- B- flu virus by nasal spray
- C- rotavirus
- D- oral polio

Answer: A

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8. Polio vaccines given by injection are examples of Select one

- a Killed vaccines
- B Live attenuated vaccine
- c Subunit vaccine
- d Anti-idiotypic vaccine
- e Toxoids

Answer: A

9. Which of the following is not live vaccines Select one :

- a. an oral Poliovirus
- b. Measles mumps, rubella (MMRI)
- c. hepatitis A
- d. TB
- e. Influenza IM injection

Answer: E

10. A mutation in the genes encoding the enzyme Bruton's tyrosine kinase (Btk) would lead to which of the following Select one: a) Human immuno-deficiency virus (HIV) infection

- b) Acquired immune deficiency syndrome (AIDS)
- c) Severe combined immunodeficiency (SCID) syndrome
- d) Systemic inflammatory response syndrome (SIRS, sepsis)
- e) X-linked agammaglobulinemia

Answer: E

11. Polio vaccines given by injection are examples of:

- A. Killed vaccines
- B. Live attenuated vaccine
- C. Subunit vaccine
- D. Ant-idiotypic vaccine
- E. Toxoid

Answer: A

12. Which of the following is not live vaccines:

- a. oral Poliovirus
- b. Measles, mumps, rubella (MMR)
- C. hepatitis A
- d. TB
- e. Influenza IM Injection

Answer: e

13. Vaccines is considered _____ immunotherapy and leads to the development of _____ for a long time :

- a. Active, immunologic memory
- b. Active, activated B cells
- C. Passive, Activated T cells
- d. Passive, immunologic memory
- e. Active, Activated Dcs

Answer: A

14. Which of the following vaccines contain epitopes made by recombinant DNA technology

Select one:

- a) Pneumococcal (PCV)
- b) Haemophilus influenza type B
- c) Hepatitis B
- d) Diphtheria,
- e) tetanus, pertussis

Answer: c

15. Which of the following is NOT true about live vaccines? Select one:

- a) They activate both humoral and cell mediated immunity
- b) They activate just cell mediated immunity
- c) They are better against viruses
- d) better than killed vaccine
- e) can be frozen

Answer: B

16. Hemolytic disease of the newborn due to RhD incompatibility depends the. _ Select one:

- a) trans placental passage of anti-RhD IgG antibodies.
- b) trans placental passage of anti-RhD IgM antibodies
- c) production of cytotoxic antibodies by the baby
- d) The first pregnancy of the RhD+ mother with RhD-fetus
- e) Transplacental passage of anti-RhD IgA antibodies

Answer: A

17. Which of the following is live vaccines Select one:

- a) polio (given by injection)
- b) Hep. A
- c) rabies viruses.
- d) Pertussis
- e) TB

Answer: B+E??

18. Why is it used Rho Gram?

- A) treatment of RH-D antibodies against fetus from mothers
- B) treatment of TB antibodies
- C) treatment of ADIS antibodies

Answer: A

19. All of these vaccine are take in the 4 months except??

- a. DaPT2 IPV2
- b. Hib2
- c. HepB2
- d. OPV
- e. hepA

Answer: E