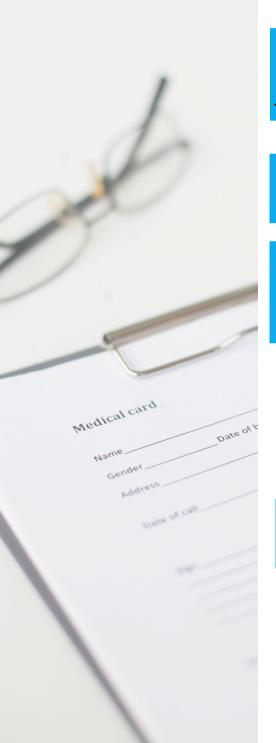
PNS-Microbiology



Archive

Lecture 3

polio viruses

Corrected by:

X



PNS-Microbiology Lecture 3

- 1.Regarding poliovirus and poliovirus vaccines, which one of the following is MOST ACCURATE?
- a- Poliovirus is sensitive to acidic pH
- b- Poliovirus remains latent within sensory ganglia, and reactivation occurs primarily inimmunocompromised patients
- c- Reversion of serotype 3 to virulence could occur with the oral Sabin vaccine that can

cause paralytic polio

- d- Serotype 3 of poliovirus is the most virulent type
- e-Being given orally considered an advantage for the killed Salk vaccine

answer, not sure

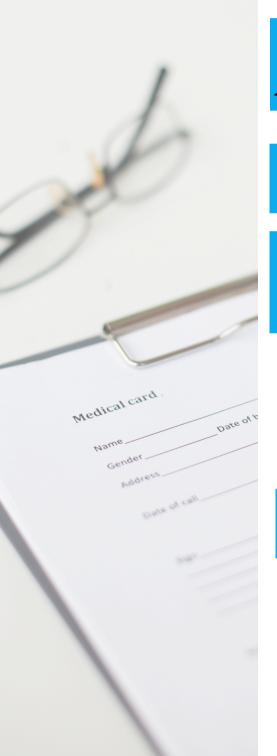
- 2.All are true about poliovirus, EXCEPT?
- a. Type I is responsible for most epidemics
- b. It is transmitted by feco-oral route
- c. Type I responsible for vaccine paralytic poliomyelitis.
- d. Asymptomatic infections are common in children
- e. No permanent carrier in poliovirus infection

Answer, C

3.All of the following true about polio virus except

There are Four serotypes

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Lecture 4

Babies and prion

Corrected by:

X



PNS-Microbiology Lecture 4

- 1.Each of the following statements concerning rabies and rabiesnvirus is correct EXCEPT?
- a-The virus has a lipoprotein envelope and single-stranded RNA as its genome
- b-The virus has a single serotype
- c-Its transmission could be through non-bite exposure

answer, c

- d-The virion contains an RNA polymerase
- e-Infected neurons contain intra-nuclear inclusion bodies called Negri bodies
- 2. Regarding prions, which one of the following is the MOST ACCURATE?
- a-The genome of prions consists of a negative-polarity RNA that has a defective polymerase gene
- . b-Abnormal prion protein is associated with the cell membrane.
- c-Prion proteins are encoded by cellular genes
- d-The main host defense against prions consists of an inflammatory response
- e-Variant Creutzfeldt-Jakob disease is a disease of cattle caused by the ingestion of sheep brain mixed into cattle feed

 answer, c
- 3.Each of the following statements concerning the rabies vaccine for use in humans is correct EXCEPT?
- a- The vaccine contains inactivated rabies virus
- . b- If your patient is bitten by a wild animal, the rabies vaccine should be given.
- c- When the vaccine is used for post-exposure prophylaxis, rabies immune globulin should also

be given.

- d- The virus in the vaccine is grown in nerve tissue cell cultures, thus decreasing the risk of allergic encephalomyelitis
- e- Pre-exposure vaccination given in three doses plus a booster dose every two years

answer,d

- 4. Which of the following is wrong about prions?
- a. Has nucleic acid

PNS-Microbiology Lecture 4

5.wrong about rabies:

a. 450mm/dayp

6.false about prions

A. detected by nuclic acid sequnce

B. caused by mutation of human PcPc into PcPsc

answer,A

