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Lecture 1

leprosy

Corrected by:



1.Mycobacterium leprae, one is TRUE?

- a. Gram negative bacteria
- b. Acid fast bacilli
- c. Extracellular bacteria
- d. Causes beta hemolysis on blood agar

Answer, B

2. The following are true about leprosy EXCEPT?

a-It is caused by acid fast bacteri

b-It causes facial nerve palsy

c-Tuberculoid leprosy occurs in patients with poor cellular immunity

d-More bacilli are found in the skin of patients with lepromatous leprosy than

e-granuloma is a feature of tuberculoid leprosy

Answer, C

3. Regarding Lepromin test, it's positive when it shows

a- 10 mm or more induration after 48 hrs

b- 5 mm or more nodule after 21 days.

Answer, a,b

4.false about leprosy

a-cause granulomatous disease b-high affinity for skin & nerves c-aerborne Answer, C



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Lecture 2

Tetanus: and Botulism

Corrected by:



1.All are types of exotoxin associated with botulism EXCEPT?

a-Type A

b-Type B

c-Type E

d-Type G

e-Tetanolysin answer,e

- 2.Clostridium botulinum associated foodborne illness can occur within 18-24 hours of ingestion of a toxin produced by the bacteria in food. Which of the following is NOT the symptom associated with C. botulinum toxin?
- a- Poor vision
- b- Fever
- c- Difficulty swallowing
- d-Bulbar paralysis
- e- Urinary retention

answer,b

- 3. When the can is swollen, this state mostly relates to which of the
- a-C tetany
- **b-C botulinum**
- c- M Leprae

answer,b

- 4. The correct statement about C. Botulinum is
 - a-Causes trismus
 - b- Inhibits the release of GABA
- c-promotes the release of acetylcholine
- d-Non-mobile bacteria
- e.May be found in canned foods

answer,e

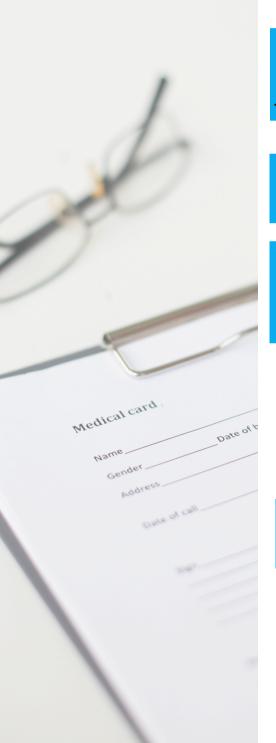
5.case: infant with changed in cry , his mom feeding him with hony

a.botulinum

<u>االأسئلة التالية هي أرشيف سابق وهي لا تتعلق بشكل مباشر مع المحاضرات السنة الحالية</u>

- 1. All the following are characteristics of tetanospasmin EXCEPT?
- a- It is a heat-labile protein
- b- It is a neurotoxin
- c- It can be toxoided
- d- It enhances the release of glycine and gamma-amino butyric acid
- e- It rapidly fixed t
- 2.Clostridium tetani, one is WRONG?
- a. Motile bacteria
- b. Has a vaccine
- c. Incubation period ranges between 3 days 3 weeks
- d. Patient with generalized tetanus should be treated in the ward under light
- e. In generalized tetanus, the patient's sensation is intact
- 3.All the following are the preventive measures for Tetanus EXCEPT
- a-Active immunization of toxoids
- b-Prophylactic use of antitoxin
- c-Administration of Bacitracin
- d-Vaccine Boosters every 10 years.
- e-Caring of unhealed umbilical stump
- 4.True about prophylaxis of tetanus:
- a.DPT ever 5 years, begining from school age
- b.must take passive & active immunization
- c.pregnant must take it befor pregnancy if it not take it before
- d.prophylaxis are not important & treatment are easy

answer,c



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Lecture 3

polio viruses

Corrected by:



- 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

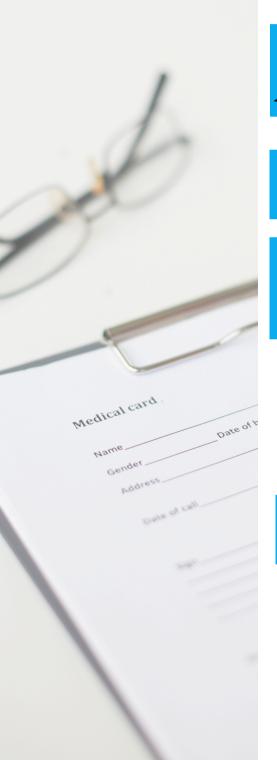
answer, not sure

- 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:



- 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

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

