

Microbiology

Archive

Lecture 18

Introduction To Cestodes:
Teania Segenata & Teania Solium

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1) Your patient is a 15-year-old girl with a "2"weeks history of headache and vomiting and a "3"day history of confusion and difficult speech, MRI of the brain reveals multiple lesions bilaterally. The following day, she has a seizure and dies.

On autopsy, the brain lesions consist of a cyst-like sac containing a larva. Of the following, which one is the most likely cause?

- A. *Diphyllobothrium latum*.
- B. *Echinococcus granulosus*.
- C. *Taenia saginata*.
- D. *Taenia solium*.
- E. *Echinococcus multilocularis*.

Answer:"D".

2.)Regarding *Taenia solium*, which one of the following is most accurate? Select one :

- A. The drug of choice for the adult worm in humans is metronidazole.
- B. The cysticercus of *T. solium* contains the mature eggs of the organism.
- C. In the laboratory, identification of adult worms is based on finding the typical.
- D. Ingestion of the terminal proglottids of *T. solium* by pigs results in mature tape.
- E. The scolex of *T. solium* has four suckers and a circle of hooklets.

Answer:"E".

3.) Scolex is:

- A. Head.
- B. Neck.
- C. Hooks.
- D. Tail.

Answer:"A".

4.) All the following are true, except:

- A. Cestodes have elementary tract.
- B. Cyclophyllidea are subclass of cestoda.
- C. Cestodes haven't body cavity.
- D. The infective stage is Cysticercus bovis in teaniasis.

Answer:"A".

5 . Gravid segment detach in group in wich of the following?

- A. Tenia solium.
- B. Tenia segenata.
- C. Diphyllbothrium latum
- D. Hetrophyes Hetrophyes.

Answer:"B".

6.)The parasite in which man be intermediate host:

- A. Diphyllbothrium latum.
- B. Tenia segenata.
- C. Fasciolopsis Buski.
- D. Tenia solium

Answer:"D".

7.) Cysticercosis occurs in:

- A. Diphylobothrium latum.
- B. Tenia solium.
- C. Tenia segenata.
- D. Hetrophyes Hetrophyes.

Answer: "B".

8.) NIH swap used to diagnose of:

- A. Teania Saginata & Entrobious.
- B. Teania Saginata.
- C. Entrobious.
- D. Hetrophyes Hetrophyes.

Answer: "A".