

Veterinary Parasitology

Cestodes 2 More Tapeworms Questions



Tapeworm Question

Under which category or categories would *Dipylidium caninum* fall:

- A. Companion animal concern
- B. Economic concern
- C. Human Health concern

Tapeworm Question

A horse presents with colic.

What clues might lead you to a diagnosis of *Anoplocephala perfoliata*?

Tapeworm Question

Under which category or categories would *Anoplocephala* fall:

- A. Companion animal concern
- B. Economic concern
- C. Human medical concern

Tapeworm Question

Under which category or categories would *Moniezia* fall:

- A. Companion animal concern
- B. Economic concern
- C. Human medical concern

Tapeworm Question

Under which category or categories would *Spirometra* occur:

- A. Companion animal concern
- B. Economic concern
- C. Human Health concern

Tapeworm Question

Which Tapeworm does NOT cause zoonosis in humans?

- A. *Spirometra mansonioides*
- B. *Dipylidium caninum*
- C. *Taenia pisiformis*
- D. *Echinococcus granulosus*

Tapeworm Question

If a cow is found to be infected with *Taenia saginata*, what is the cause of condemnation of a cow carcass?

- A. Measly beef (larvae in the muscles)
- B. Adult tapeworms in the small intestine
- C. Larval stages in the liver
- D. Segments in the feces of the cow

Tapeworm Question

Which is the tapeworm of horses?

- A. *Taenia solium*
- B. *Spirometra mansonioides*
- C. *Moniezia expansa*
- D. *Anoplocephala perfoliata*

Tapeworm Question

How does a sheep become infected with the tapeworm, *Moniezia expansa*?

- A. Ingest eggs from sheep feces
- B. Ingest eggs from dog feces
- C. Ingest infected pasture mite while grazing
- D. Ingest infected ants while grazing

Tapeworm Question

What is the name of the zoonotic disease of a human that is infected with the larval stage of *Spirometra* sp.?

- A. Hydatid disease
- B. There is no zoonotic disease with *Spirometra*
- C. Cysticercosis
- D. Sparganosis

Tapeworm Question

Which pet tapeworm is diagnosed via fecal sedimentation instead of segment squash?

- A. *Spirometra mansonioides*
- B. *Taenia taeniaformis*
- C. *Taenia pisiformis*
- D. *Dipylidium caninum*

Tapeworm Question

Definitive Host: Match the tapeworm with its natural definitive host.

- | | |
|-------------------------------------|----------|
| _____ 1. <i>Moniezia</i> | A. Dog |
| _____ 2. <i>Anoplocephala</i> | B. Cat |
| _____ 3. <i>Taenia solium</i> | C. Cow |
| _____ 4. <i>Echinococcus</i> | D. Horse |
| _____ 5. <i>Taenia taeniaformis</i> | E. Human |
| _____ 6. <i>Taenia saginata</i> | F. Pig |
| _____ 8. <i>Taenia pisiformis</i> | |

Tapeworm Question

Intermediate Host: One often controls tapeworm infections by not allowing access to the intermediate host. Match the tapeworm with its intermediate host.

- | | |
|-------------------------------------|-----------------|
| _____ 1. <i>Dipylidium</i> | A. Pasture mite |
| _____ 2. <i>Anoplocephala</i> | B. Rabbit |
| _____ 3. <i>Taenia solium</i> | C. Sheep |
| _____ 4. <i>Echinococcus</i> | D. Cow |
| _____ 5. <i>Taenia taeniaformis</i> | E. Rodent |
| _____ 6. <i>Taenia saginata</i> | F. Flea |
| _____ 8. <i>Taenia pisiformis</i> | G. Pig |

Tapeworm Question

Zoonosis: How do humans become infected with _____?
Match the tapeworm with its transmission to humans.

- | | |
|---------------------------------|---|
| _____ 1. <i>Taenia saginata</i> | A. Ingest larval tapeworm from raw pork |
| _____ 2. <i>Spirometra</i> | B. Ingest larval tapeworm in a flea |
| _____ 3. <i>Dipylidium</i> | C. Ingest tapeworm egg from dog feces |
| _____ 4. <i>Taenia solium</i> | D. Ingest larval tapeworm in a copepod |
| _____ 5. <i>Echinococcus</i> | E. Ingest tapeworm egg from human feces |
| | F. Ingest larval tapeworm from raw beef |
| | G. Ingest larval tapeworm from raw frog |

Stage in human: **Green = Adult worm** **Red = Larval worm**

Tapeworm Question

Of the tapeworms we have studied, where do the **ADULT** tapeworms reside in the **DEFINITIVE** Host?

- A. Kidneys
- B. Large Intestine
- C. Small intestine
- D. Lungs

Tapeworm Question

Ivermectin is a highly effective drug against tapeworms.

A. True

B. False

Tapeworm Question

What is the relationship between the definitive host and the intermediate host of cestodes?

- A. Definitive host ingests the intermediate host
- B. Intermediate host penetrates the skin of the definitive host
- C. Intermediate host ingests the definitive host
- D. Intermediate host feeds on the blood of the definitive host.

