

Scolex attaches to intestine, grows into tapeworm...

Adult tapeworm in small intestine produces eggs...

Domestic dogs are a known, and very likely, the most important source of this parasite to human populations worldwide...

Protoscolex from cyst...

Definitive Host

5 Hydatid cyst is formed, usually in liver or lungs...

6 Canids like wolves, coyotes or dogs eat hydatid cysts in organs...

1 Embryonated eggs expelled in canid feces...

2 Ungulates like deer, elk or sheep ingest eggs as they browse...

2 Humans can ingest eggs by failing to follow sanitary hygienic practices like wearing protective barriers like gloves and washing their hands well with soap and water after possible exposure to canid feces...

Oconosphere is encapsulated...

4

Intermediate Host

Oconosphere travels in bloodstream to become lodged in capillary beds...

3 Oconosphere hatches, penetrates intestine/rumen wall...

Sylvatic/Pastoral Life Cycle - *Echinococcus granulosus*

