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

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...

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...

Scolex attaches to intestine, grows into tapeworm...

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

Embryonated eggs expelled in canid feces...

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

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

Oconosphere is encapsulated...

Oconosphere hatches, penetrates intestine/ rumen wall...

Definitive Host

Intermediate Host

Sylvatic/Pastoral Life Cycle - 
*Echinococcus granulosus*