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Life cycle of Taenia Solium :-

- It is a digenetic parasite, means its life cycle completes in two hosts i.e., Primary host and Secondary host.
- Primary host takes place in man, while secondary host takes place in pig.
- We know that this parasite is found in small intestine in adult stage.
- Its uterus of Gravid proglottid contains thousands of eggs.
- Fertilisation takes place by cross in this parasite.
- Fertilised egg pass out through fecal matter.

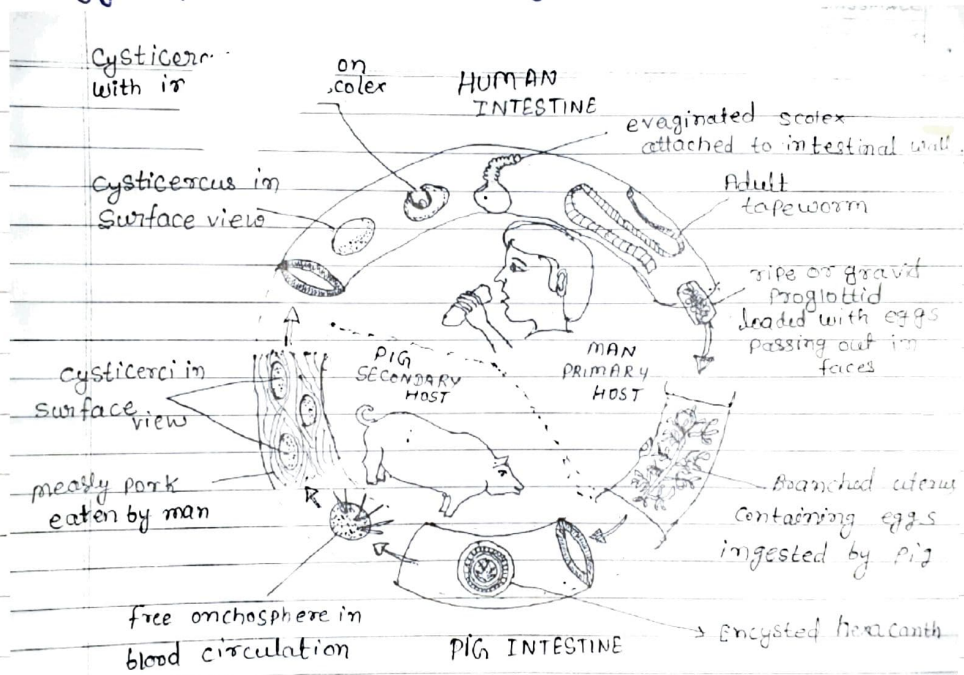


Fig. *Taenia solium* life cycle.

- After hatching oncosphere, Hexacanth Larva formed and when pig eats fecal matter, this larva enters in pig's intestine then it pores its body and enters in blood vessels and at last, it enters in skeletal muscles / Stripped muscles (leg, thigh, liver, kidney, hand).
- After it develops and formed in Cysticercus 'Bladder worm' larva bladder worm in infective stage of *Taenia solium*, and when man eats this type of flesh, then again

larva enters in small intestine of man. This is the life cycle of trichina (swine).

* Disease :-

It is the causative agent of Trichinosis and Cercarial dermatitis.

* Symptom of Trichinosis :-

Pain in abdomen during digestion, Headache, vomiting, Epilepsy.

* Symptom of Cercarial dermatitis :-

skin becomes red and itchy.

Symptom of Trichinosis can be seen.

* Control :-

We should not eat undercooked flesh of pig. We should sterilize fecal matter of man.

* Medicine :-

Medicines are as following :-

Chloroquine, Ivermectin.

CCly,

Yomesan (It is the most effective drug).