

PRACTICAL PARA REVISION



Each Slide has Two Questions

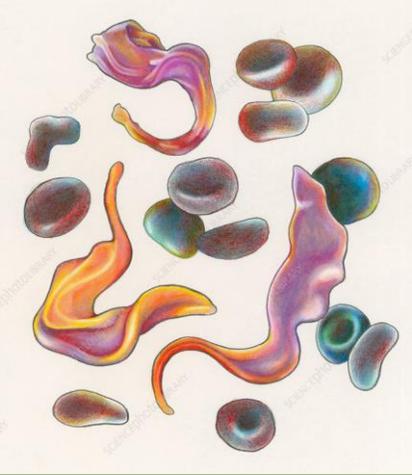


Q1: Identify??

متناسش

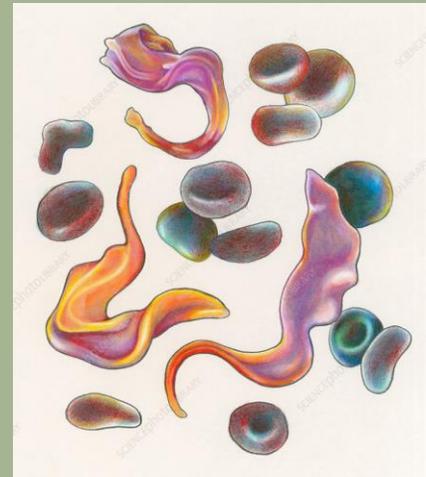
Q2: MCQ

- A. Parasite Life cycle (DH, IH, RH, Habitat, Stages of life cycle, Infective stage, Diagnostic stage, Mode of infection).**
- B. Most important or commonest C/P**
- C. Most important or commonest Complication**
- D. Diagnostic specimen**

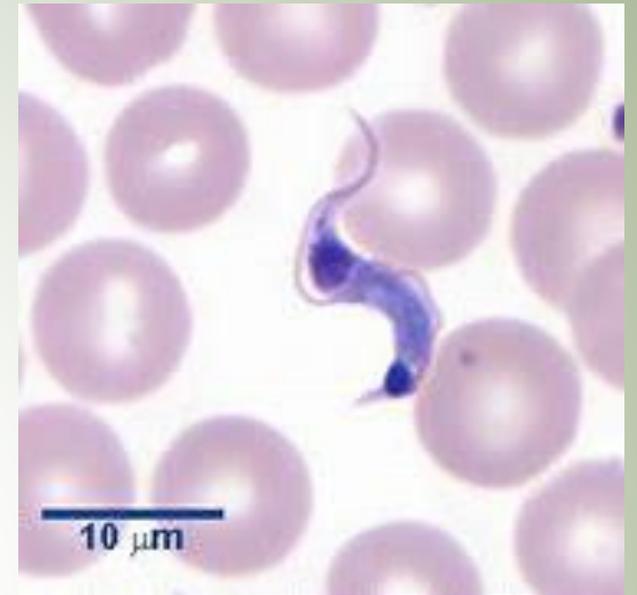
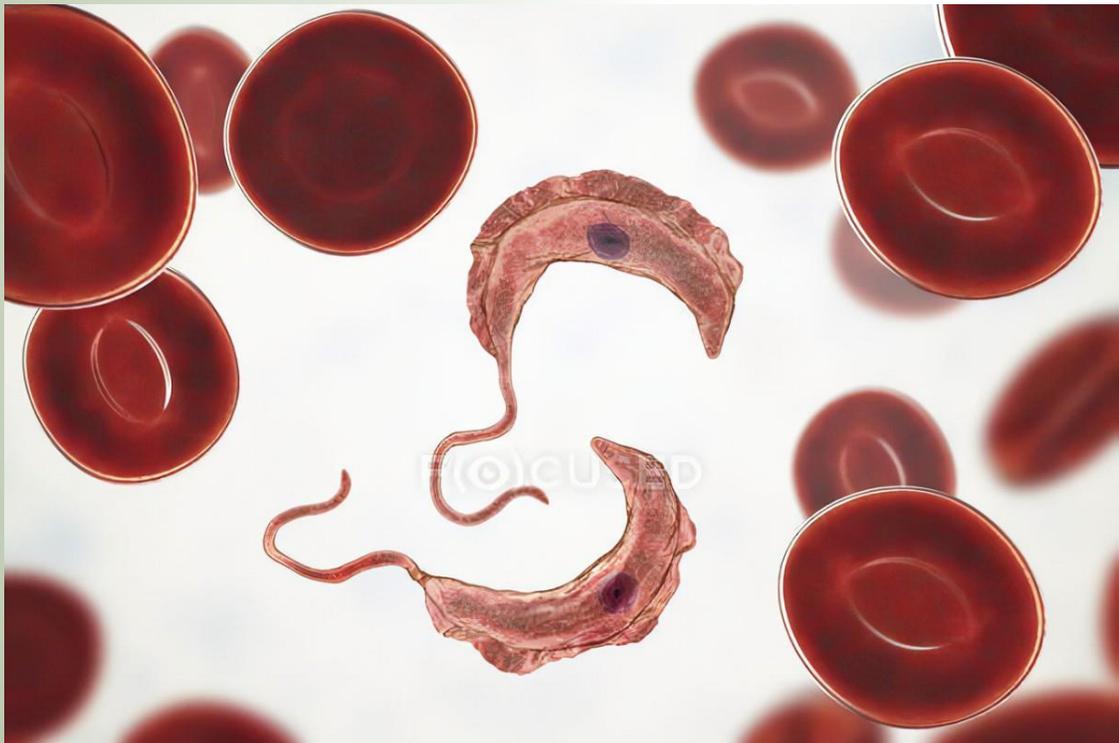


Chagas' disease

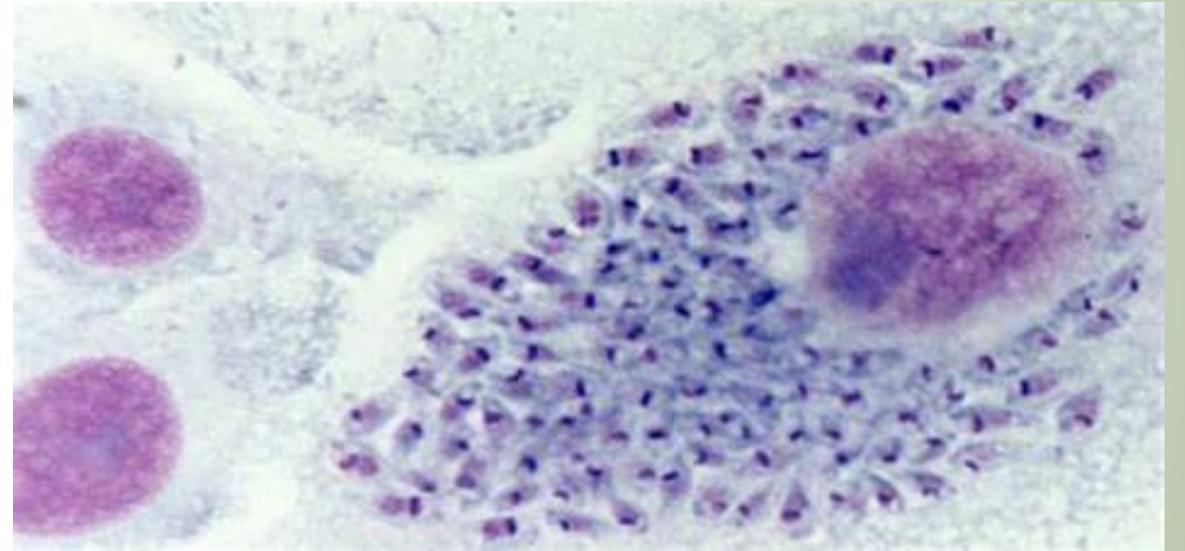
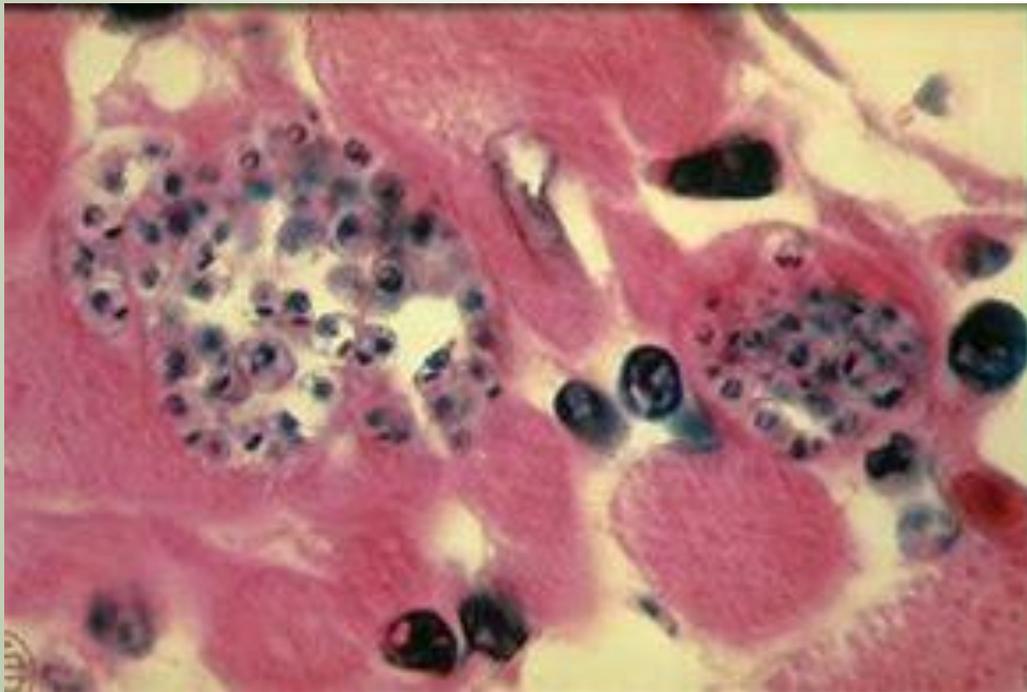
South American trypanosomiasis



T. cruzi in peripheral blood sample (Monomorphic trypanosomes)



Trypanosoma cruzi amastigotes inside macrophage



Triatoma megista (winged bug):

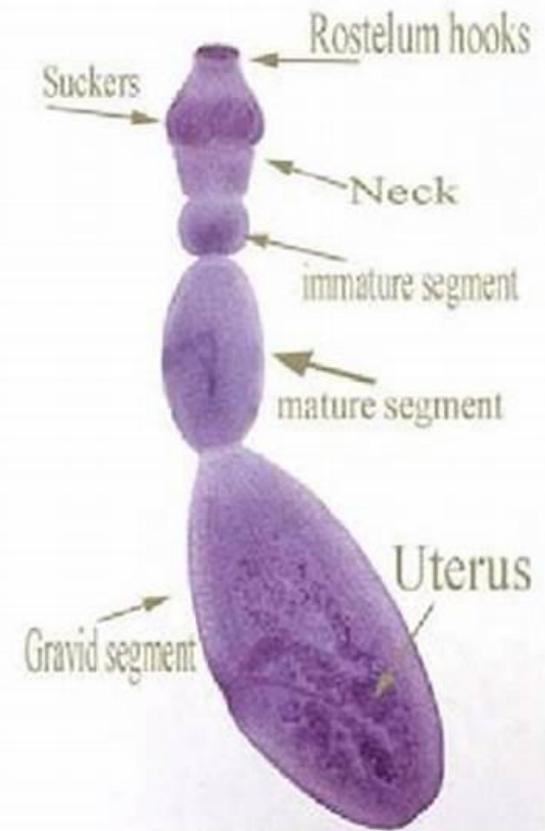
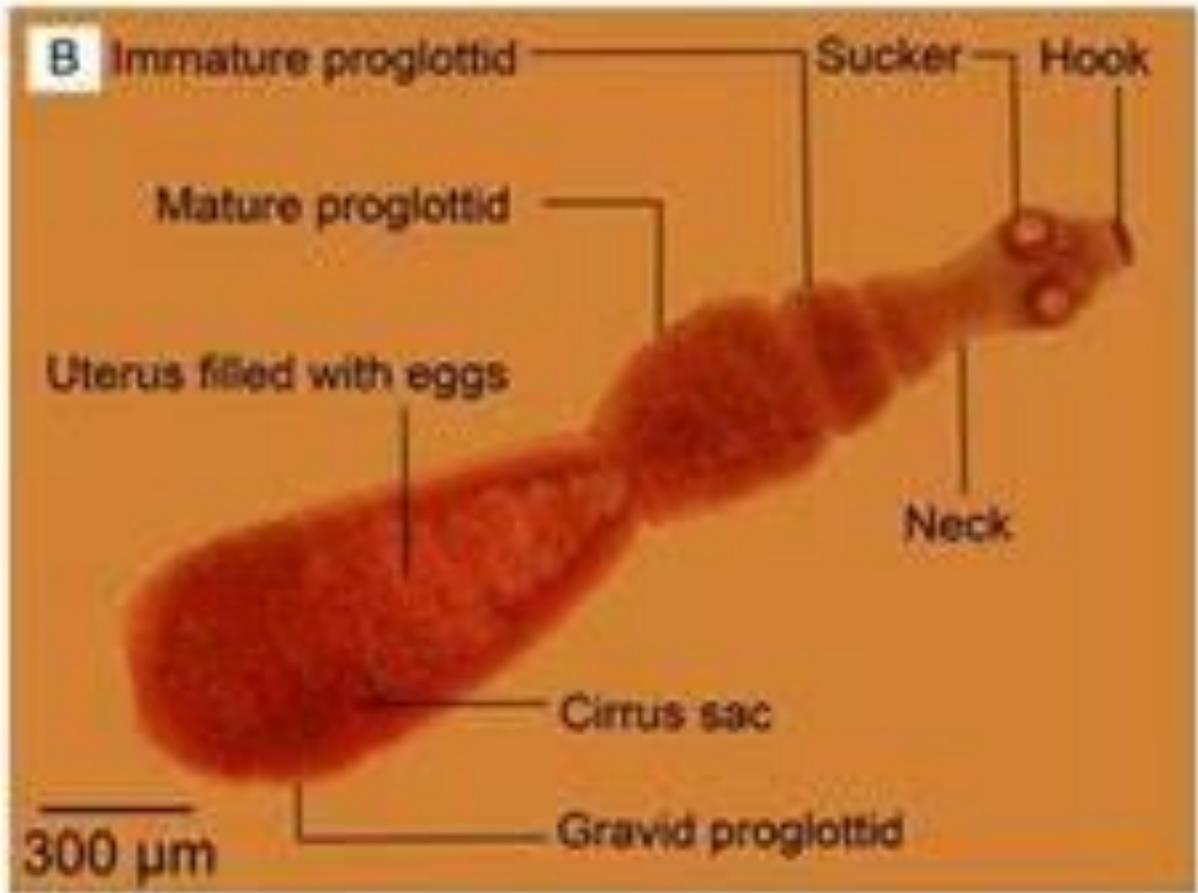


b. Romana's sign: Inoculation of the parasite in conjunctiva causes unilateral facial oedema of cheek, upper and lower eyelids, usually with conjunctivitis and enlargement of ipsilateral pre-auricular lymph nodes.

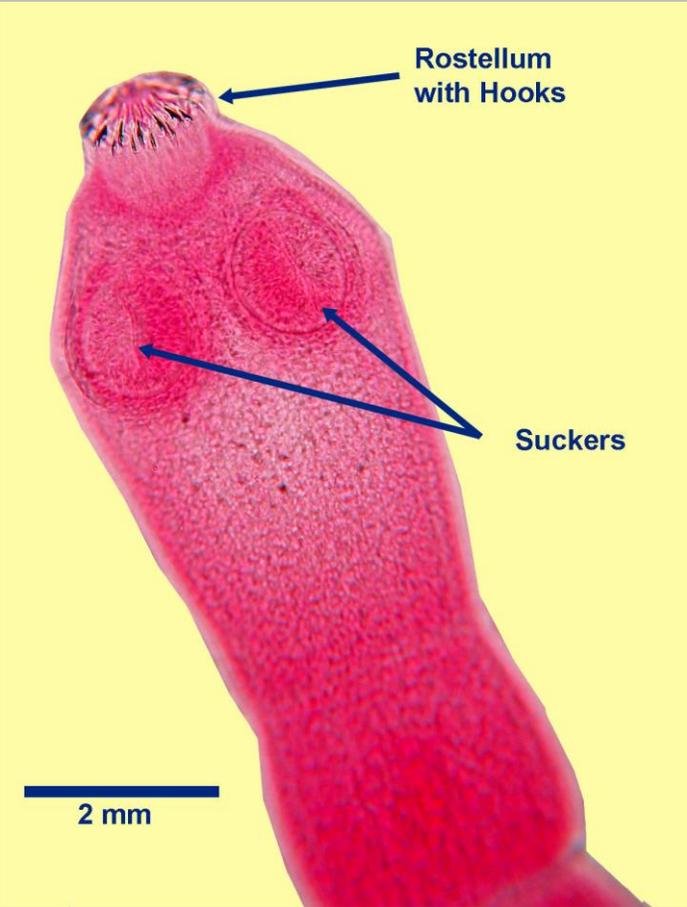


Hydatid disease **(Hydatidosis, Echinococcosis)**

Echinococcus granulosus Adult



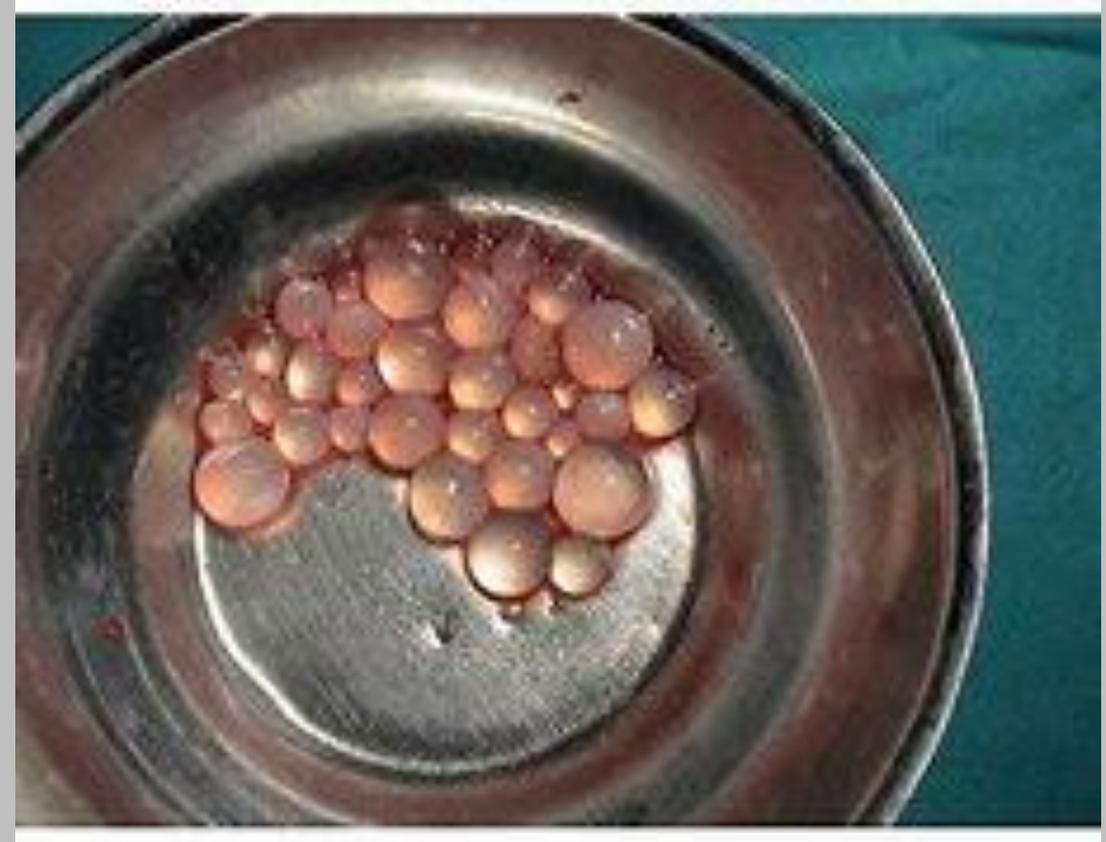
Echinococcus granulosus scolex

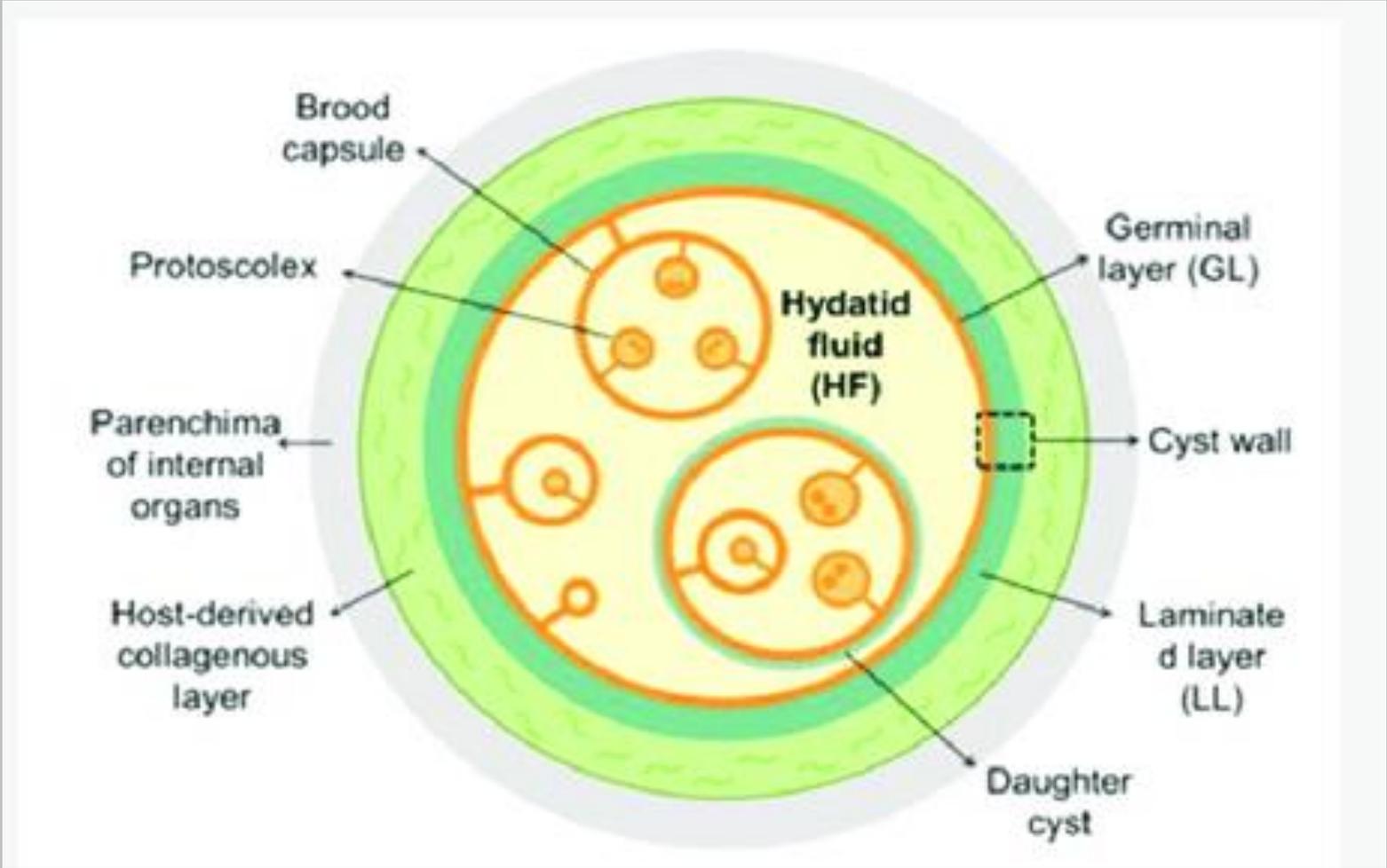


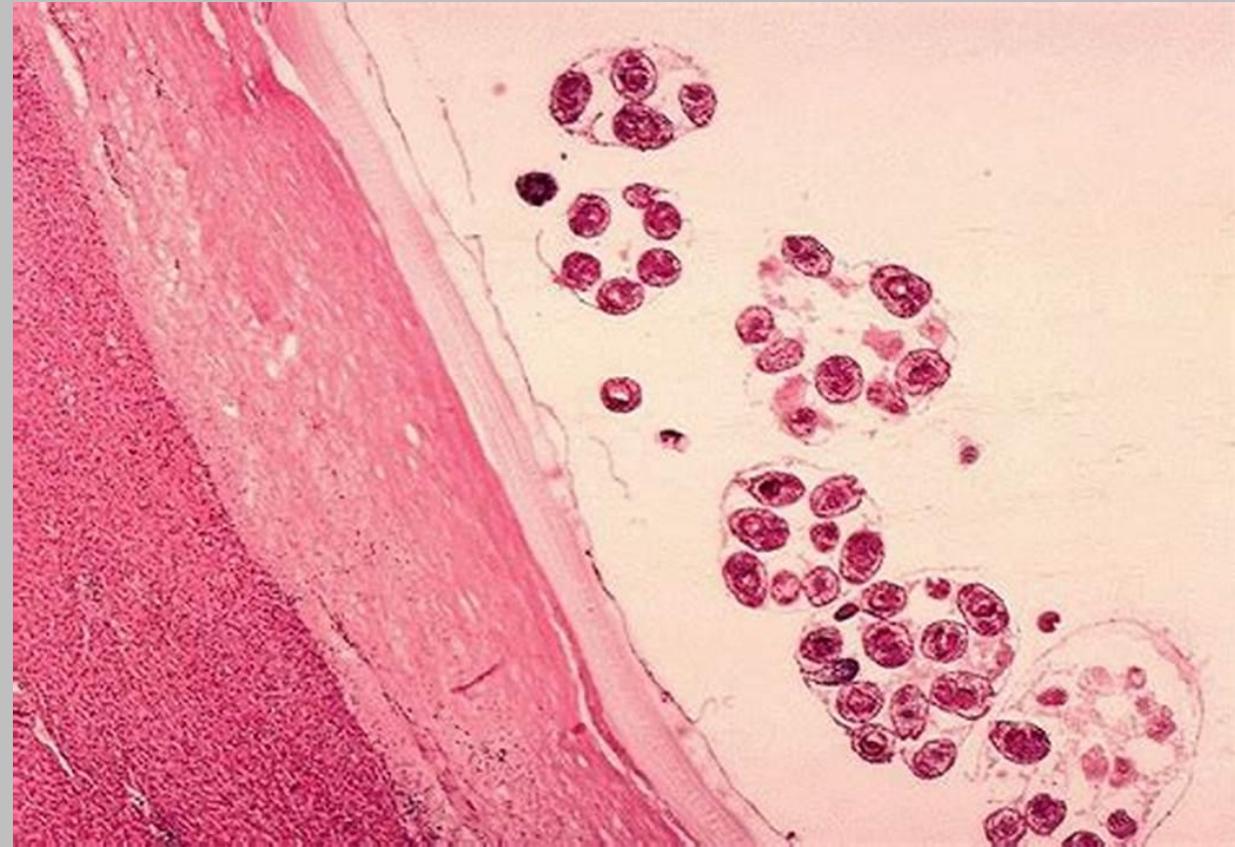
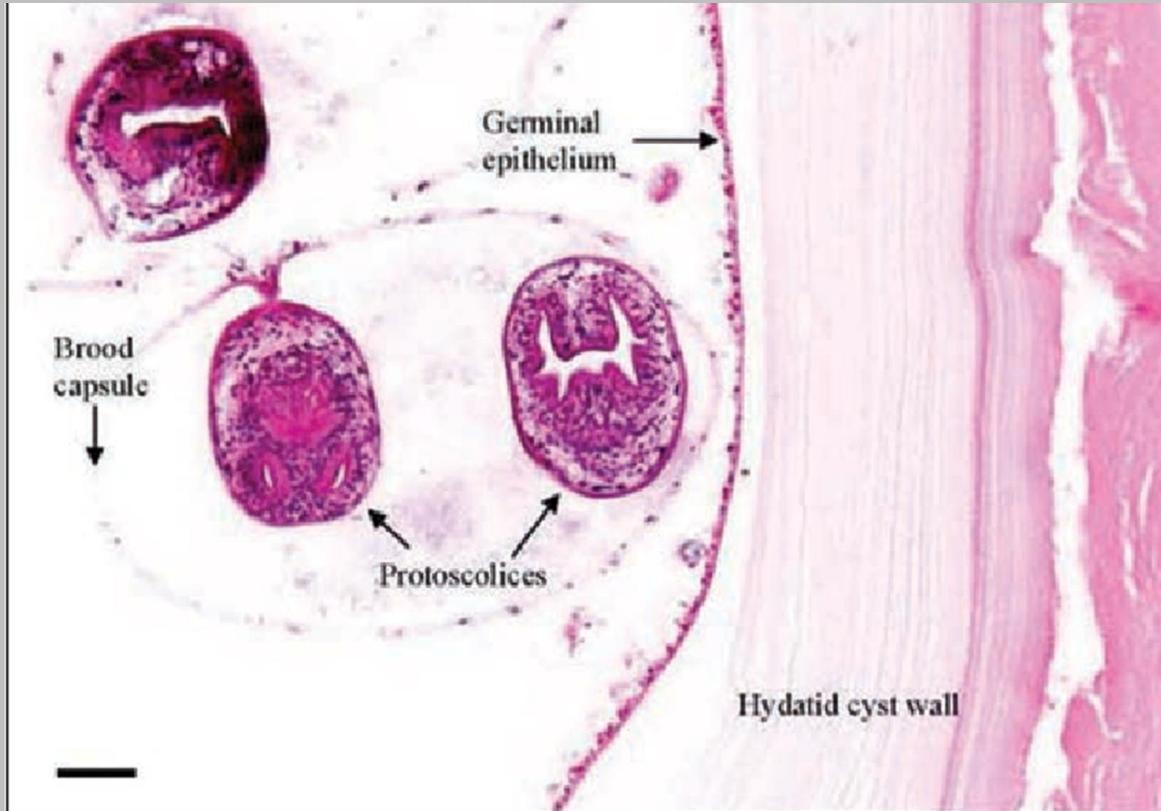
Echinococcus granulosus egg



Unilocular Hydatid cyst

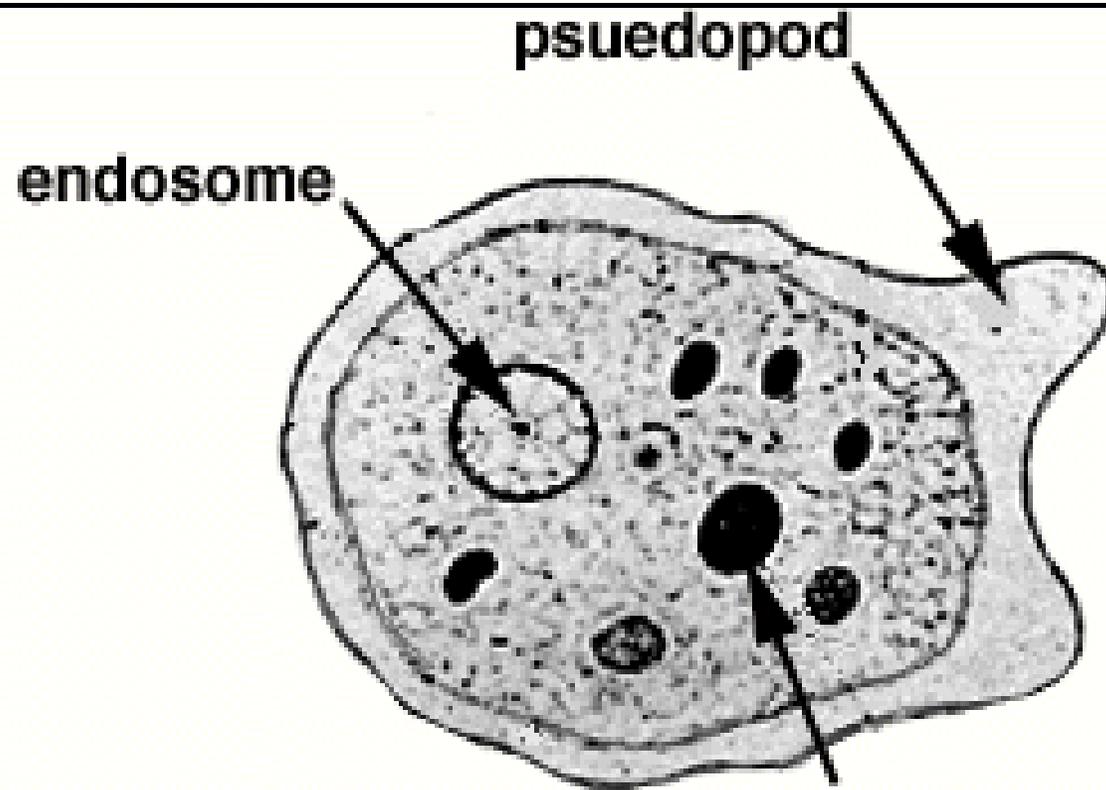




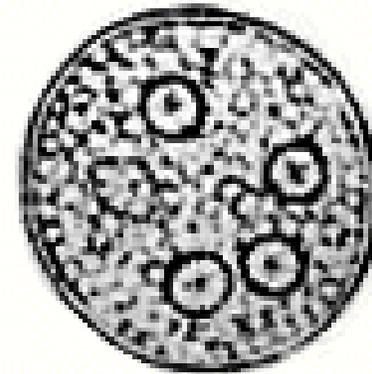


Entamoeba histolytica

Trophozoite



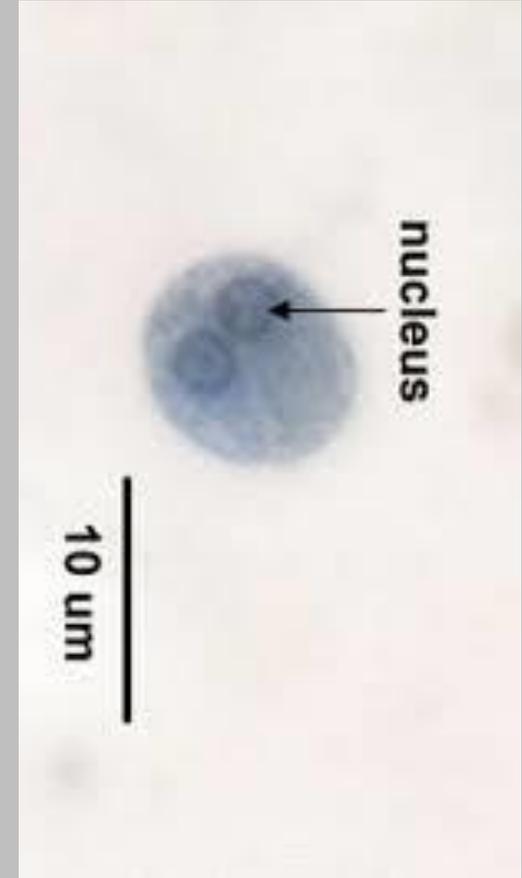
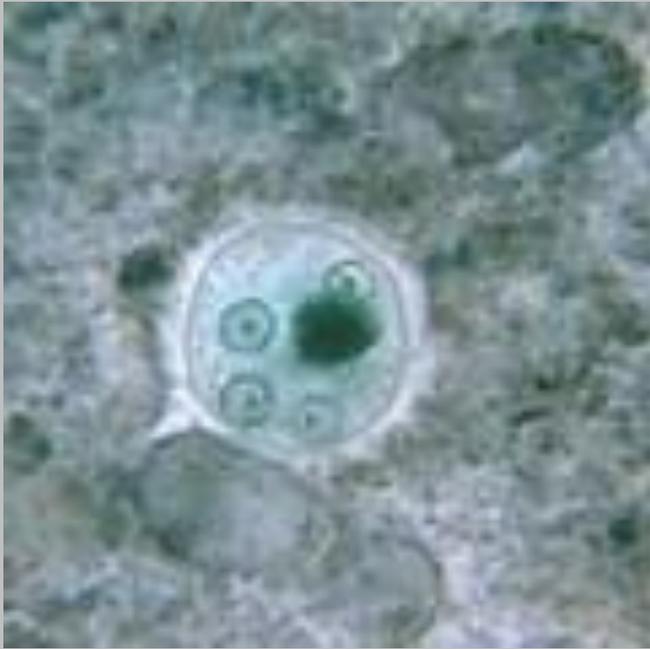
Cyst



Entamoeba histolytica Trophozoite

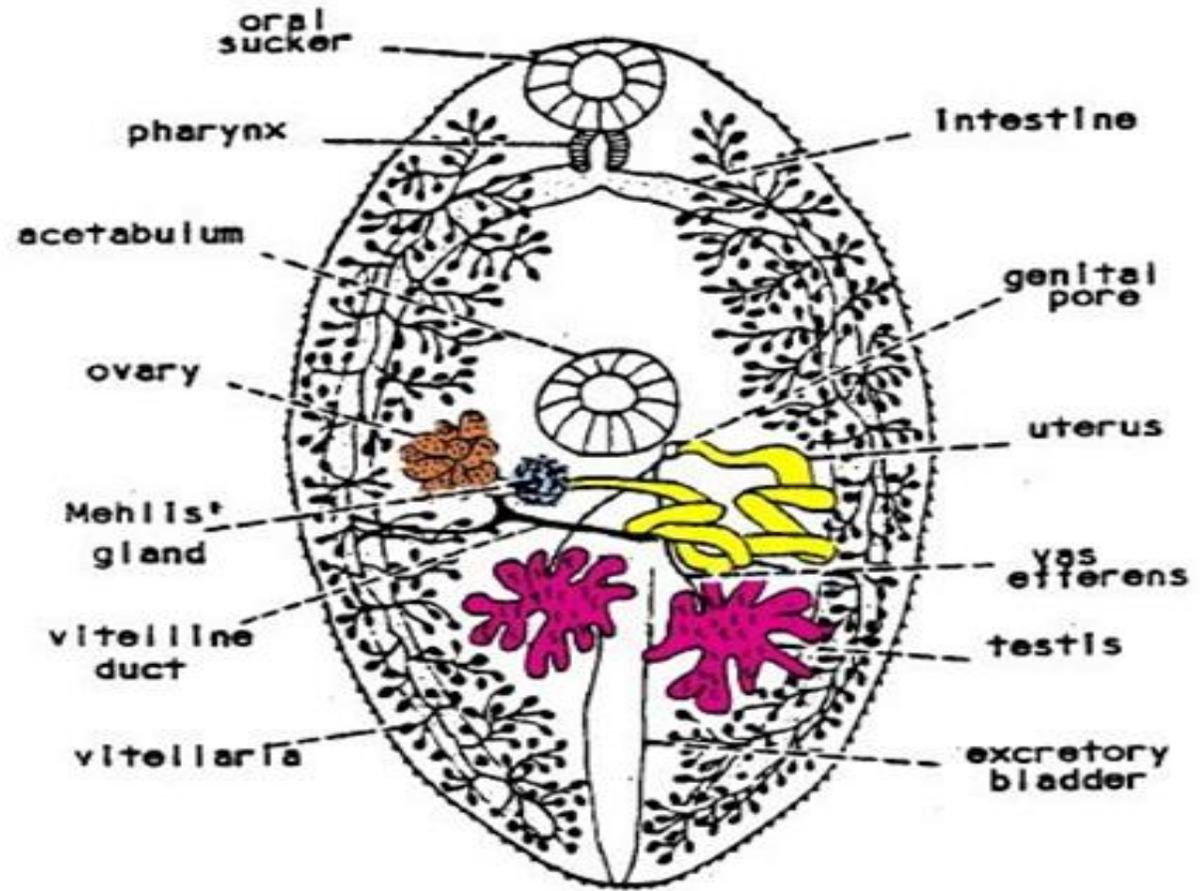
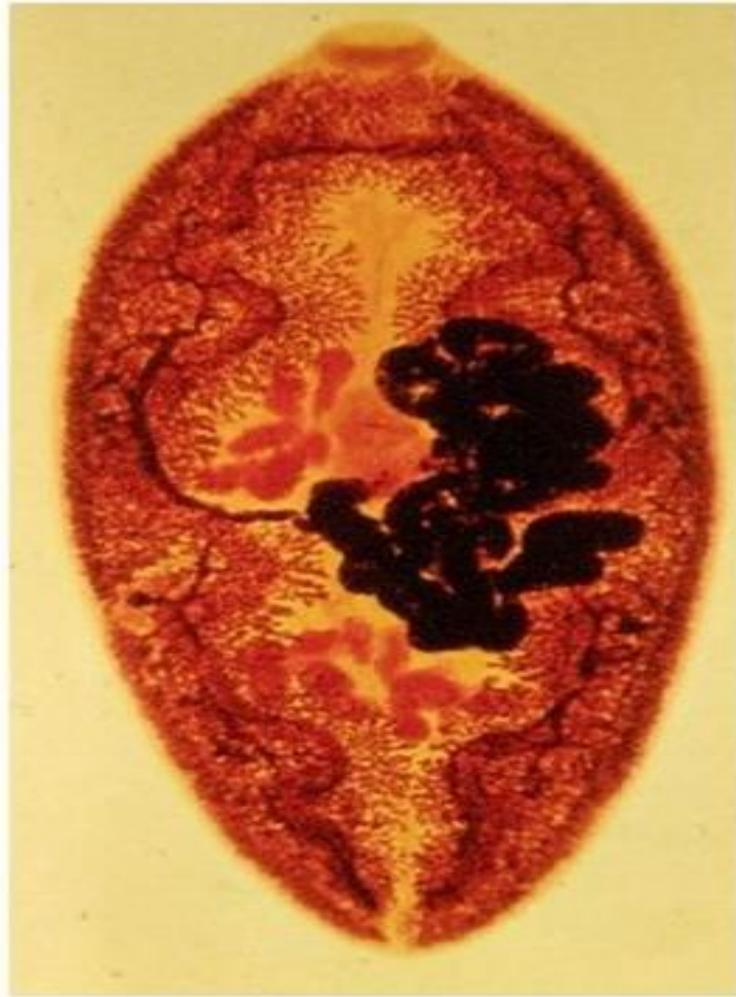


Entamoeba histolytica Cyst

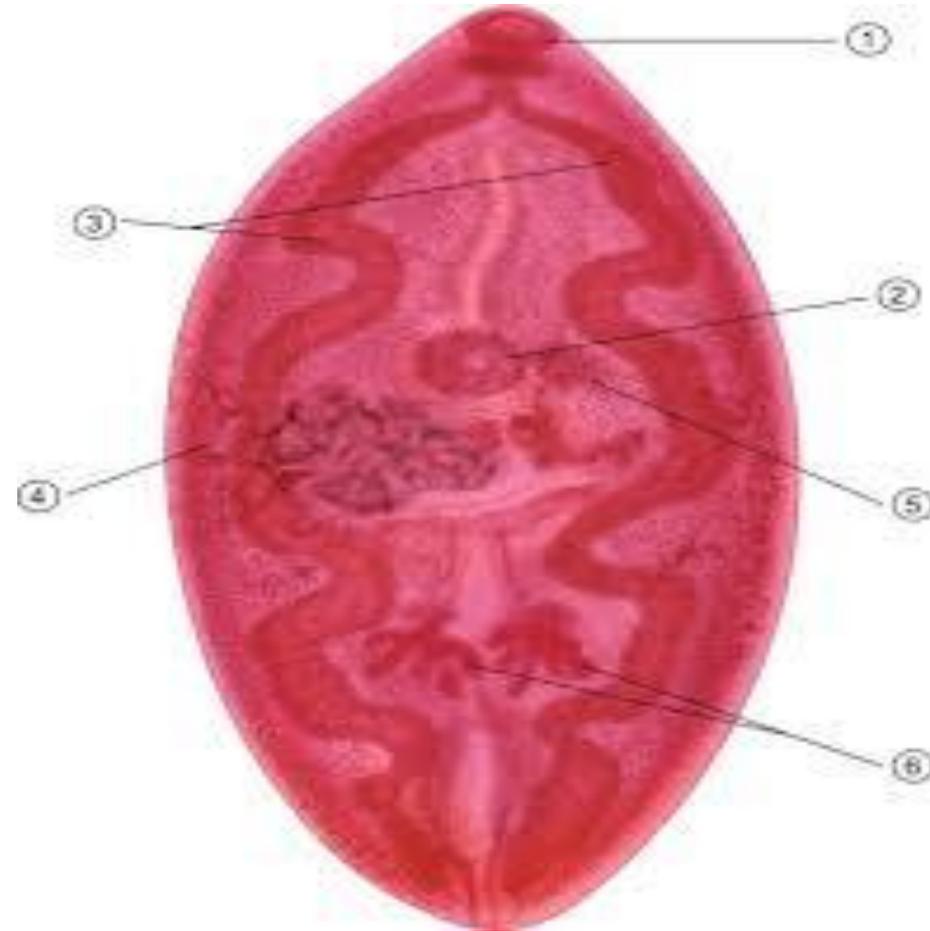
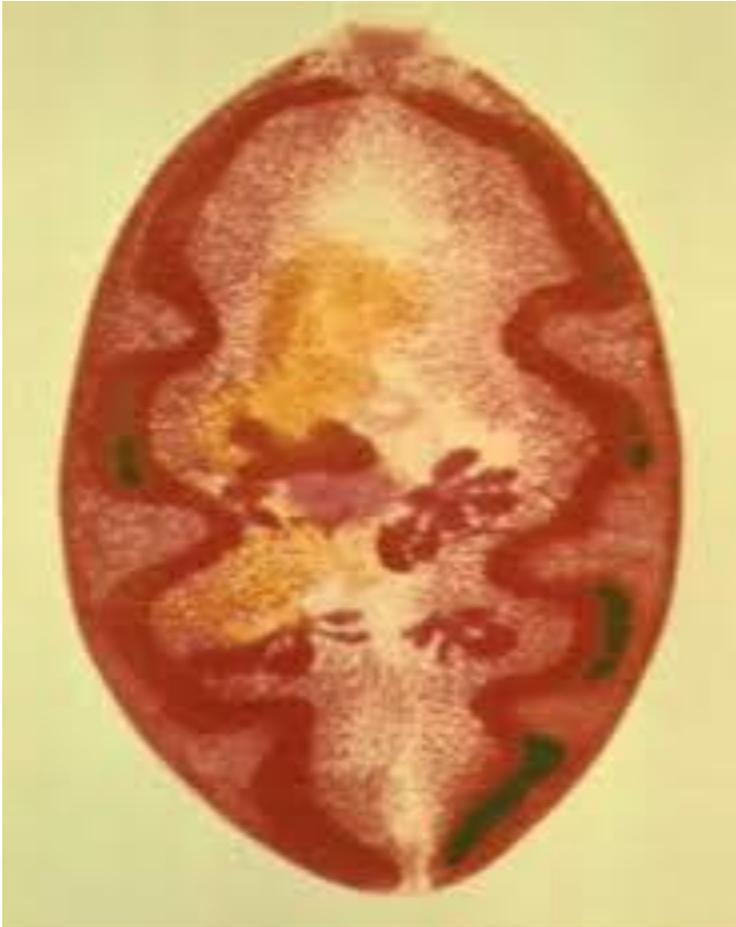


Paragonimus westermanii

Morphology of Adult *Paragonimus westermani*



Paragonimus adult

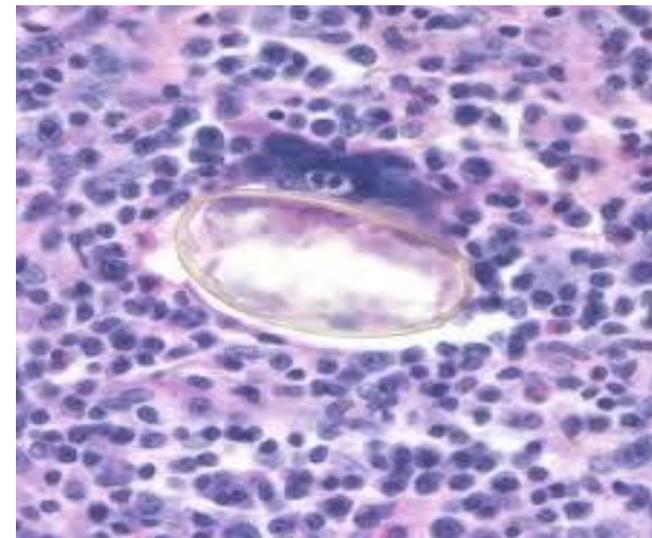


Paragonimus Egg

- Size: 100 x 50 μ
- Color: Golden brown
- Shape: Ovoid
- Content: Immature miracidium
- Shell: Thick shell
- Special characters: With flat operculum



Paragonimus Egg



Paragonimus snails intermediate hosts

Melania snail



Semisulcospira



Paragonimus Cercaria

- Microcercous with a knob like tail.
- The released cercariae penetrate the crustaceans 2nd I.H. then develop into metacercariae.

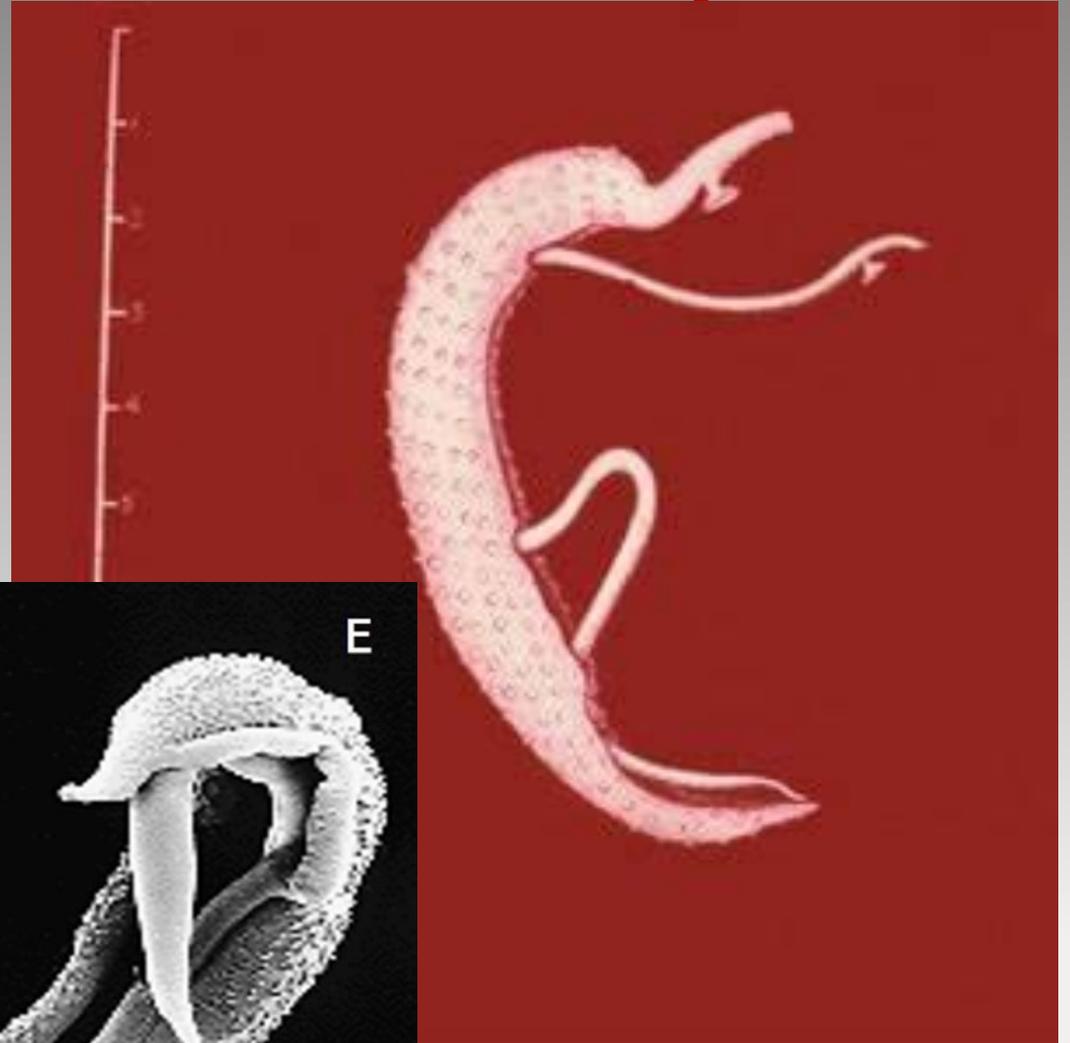


Paragonimus encysted metacercaria in fish muscles



Schistosoma haematobium

Adult *Schistosoma haematobium* in couple

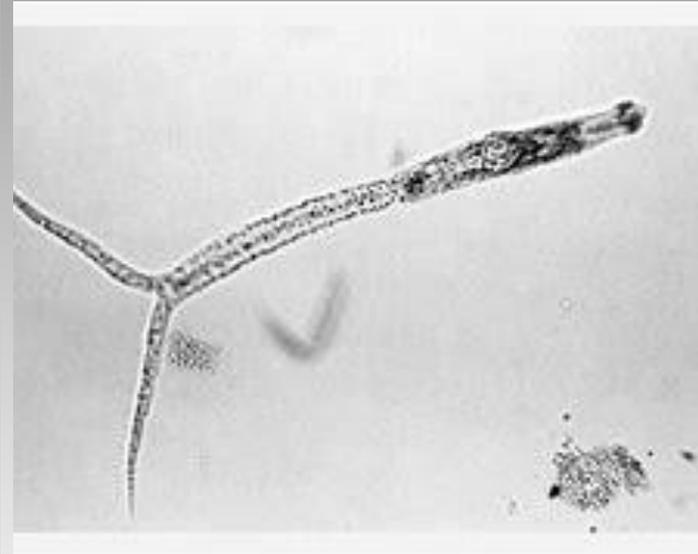


Adult male and female

Schistosoma haematobium egg



Schistosoma haematobium Cercaria



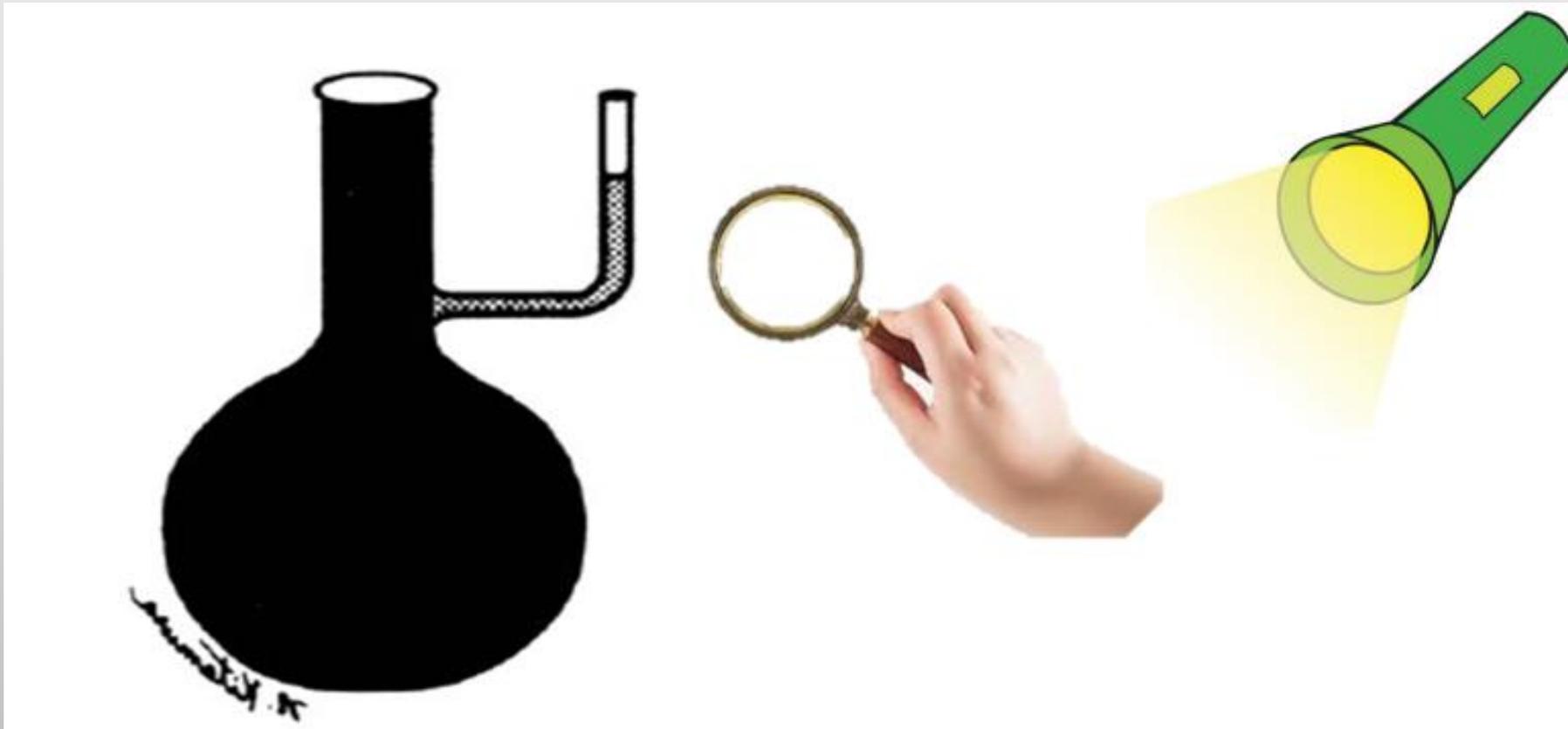
snail *Bulinus truncatus*



Cercarial dermatitis (bather's itch)



Schistosoma hatching test



Thank You