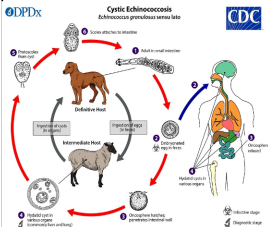


Fruit & veggies-associated parasites

Plathelminthes > Cestodes

Echinococcus granulosus

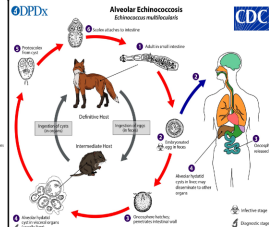
1cm, scolex similar to T.solium
It only has 3 rings: 1 immature, 1 mature and 1 pregnant.
Similar eggs to Taenia, 1.5K on each segment



Asia. Africa. S. America & Aus.
Asymptomatic. Hydatidosis: hydatid cyst in liver and lungs → various adults inflammation, anaphylactic shock (break), pressure in the organs.
Clinic, Radiology and Serology
Surgery, Albendazol ± Praziquantel
Dogs control and treatment, not feed them wild animals organs

Echinococcus multilocularis

Same as previous
Same as previous

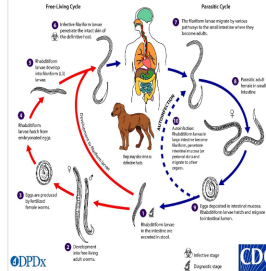


Mainly in North Europe, places with wild fruits
Same as previous
Same as previous
Same as previous
Same as previous

Nematodes

Strongyloides stercoralis

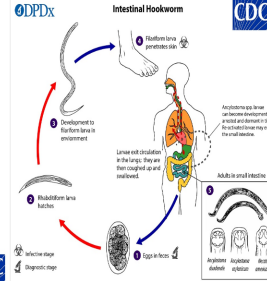
It's a Geohelminth and can enter through skin
Only females as parasites, the larvae infect the food



Everywhere... Soil & veggies
Dermatitis, pneumonia (bronchitis), gastritis and diarrhoea
Eosinophilia, coprology, serology (ELISA)
Ivermectin or Albendazole
Affected people treatment, faeces & soil control

Ancylostoma duodenale

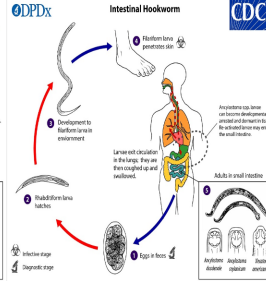
Big mouth female 9-15mm, males 7-10mm
Eggs look the same to others, but adults & larvae do differ



Very common 1/8 have it
Skin damage, pulmonary haemorrhage and bleeding faeces
Anaemia, coprology, eosinophilia
Albendazole
Affected people treatment, faeces & soil control

Necator americanus

Big mouth, female 9-11mm, males 5-9mm
same as previous



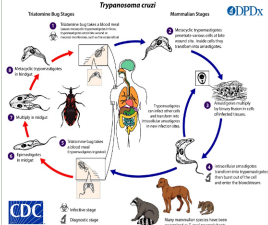
same as previous
same as previous
same as previous
same as previous
same as previous

Protozoa

Trypanosoma cruzi

Vertebrates: Trypomastigote in bloodstream and Amastigote in tissues.

Invertebrates: Epimastigote Bedbugs

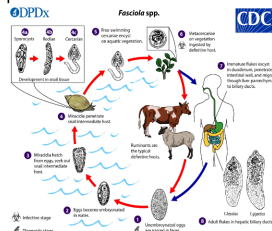


Everywhere mainly America.
Vector-blood transmission
Cell destruction, neurotoxin and autoimmune. Acute: chagoma (fatal), unspecified phase, Chronic: mega-
Clinic, Serology, blood test and PCR for Acai
Benznidazole and Nifurtimox
Bedbugs control, transfusion control and Acai control

Trematodes

Fasciola Hepatica

It has a conic form at the top
2-3 cm 2 suction cups.
Operculated eggs



Everywhere especially in cultivated areas (leafy greens)
Hepatic problems, obstruction and malabsorption of fats
Coprology and Serology ELISA
Triclabendazol
Snail, faeces and water control.
Not eat raw aquatic plants

