

TAENIASIS

What is the disease ?

Taeniasis in humans is a parasitic infection caused by the tapeworm species *Taenia saginata* (beef tapeworm), *Taenia solium* (pork tapeworm), and *Taenia asiatica* (Asian tapeworm). Humans can become infected with these tapeworms by eating raw or undercooked beef (*T. saginata*) or pork (*T. solium* and *T. asiatica*). People with taeniasis may not know they have a tapeworm infection.

BY :

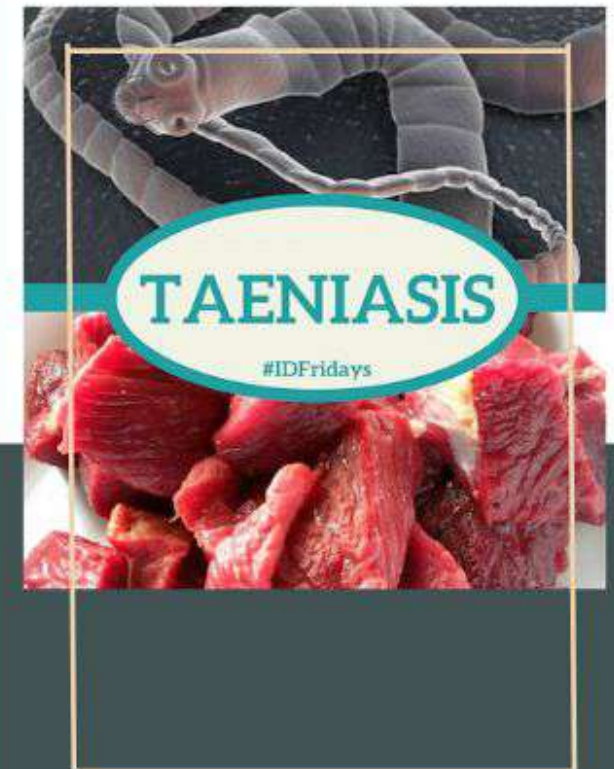
beef tapeworm

Disease

INTESTINAL TEANIASIS

By (*Taenia saginata*)

get the disease by
(beef tape worm)



Done By

Mahmoud Farouk

Omar Walid

abduhrahman gabr

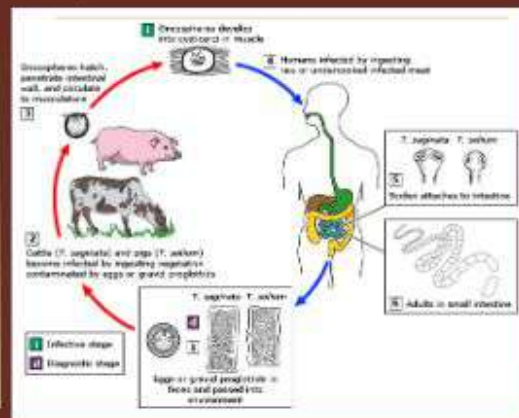
abduhrahman ali

Muhammed abdelmaksod

Ammar Yasser

LIFE CYCLE

1-Man acquires infection by eating insufficiently cooked beef
Cysticercus bovis (I.S). 2- In small intestine, cysticercus is liberated developing into adult worm in 10 weeks. 3- Terminal gravid segments and/or Eggs (D.S) pass to outside with stool . 4-Cattle (I.H) become infected by ingesting either gravid segment or eggs. 5- In small intestine of cattle, Eggs disintegrate releasing the Oncospheres 6-Onchospheres penetrate intestinal wall 7-They settle in the active striated muscles Cysticercus bovis (I.S)



PREVENTION&CONTROL

1-Proper cooking of beef or roasting it 2-Freezing of beef at -10°C for 5 – 10 d to kill cysticerci.3. Mass treatment of infected patients & Health education4-. Proper feeding of herbivorous animals (cattle & camel) in uncontaminated

TREATMENT

1-Niclosamide (Yomesan) is drug of choice: effective in single oral dose taken on empty stomach .2- Praziquantel as (a single oral dose).