

## TD3

### Taeniasis/cysticercosis

#### Text:

Taeniasis is an intestinal infection caused by 3 species of tapeworm: *Taenia solium* (pork tapeworm), *Taenia saginata* (beef tapeworm) and *Taenia asiatica*.

Humans can become infected with *T. saginata* or *T. asiatica* when they consume infected beef meat or pig liver tissue, respectively, which has not been adequately cooked, but taeniasis due to *T. saginata* or *T. asiatica* has no major impact on human health. Therefore, this fact sheet refers to the transmission and health impacts of *T. solium* only.

Human **cysticercosis** can result in devastating effects on human health. The larvae (cysticerci) may develop in the muscles, skin, eyes and the **central nervous system**. When cysts develop in the brain, the condition is referred to as **neurocysticercosis** (NCC). Symptoms include severe headache, blindness, convulsions and epileptic seizures and can be fatal.

#### Questions:

1. What is the infection caused by taenia species?
2. What is the taenia species that may infect humans after consuming beef meat?
3. Which taenia species that has an impact on human health?
4. When a neurocysticercosis can manifest in humans?
5. Cite the neurocysticercosis symptoms.
6. Translate the underline words into Arabic and French language.
7. Give the definition of the bold words.
8. What are the verb conjugation tenses used in the text?