

Cestodes

Organism	Endemic area	Human host	Intermediate host	Clinical	Treatment	
Taenia saginata (beef tapeworm)	Sub-Saharan Africa, Middle East, Asia	Definitive	Cattle/herbivores	Proglottids in faeces, mild abdominal pain, nausea, LOA, weakness, weight loss	Beef inspection and proper cooking Treat with praziquantel	
Taenia solium (pork tape worm)	Worldwide	Definitive/intermediate	Pigs/humans	Proglottids in faeces, mild abdominal pain, nausea, LOA, weakness, weight loss. Cysticerci in brain, skeletal muscle, subcutaneous tissue, eye-give various related symptoms eg siezures/hydrocephalus	Praziquantel or albendazole. May need steroids if neurocysticercosis	
Echinococcus granulosus	Australia, Argentina, Chile, Africa, E.Europe, Middle East, New Zealand, Mediterranean	Intermediate	Sheep/cattle/goats/camels/horses	Hydatid cysts develop, usually in liver, abdominal pain, mass in RUQ, biliary obstruction. Rupture/leakage of cyst-fever, pruritis, urticaria, eosinophilia, anaphylaxis.	Surgery to remove cysts, PAIR (percutaneous aspiration, infusion of scolical agents & reaspiration)	
E. multilocularis	Alpine, sub-Arctic/Arctic, USA, Canada, central/northern Europe, Asia		Mice			Pulmonary cysts-cough, chest pain, haemoptosis
E. vogeli	Central/South America,		Dogs			

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Hymenolepis nana (dwarf tapeworm)	Temperate/ tropical regions	Definitive	nil	usually asymptomatic, anorexia and abdominal pain and diarrhoea if heavy	Praziquantel
Diphyllobothrium latum	Central Africa, Chile	Definitive	crustacean/fish	acute abdominal pain, diarrhoea, vomiting, weakness, weight loss. rarely cholangitis. Vit B ₁₂ deficiency in 2%	Praziquantel



Taenia saginata