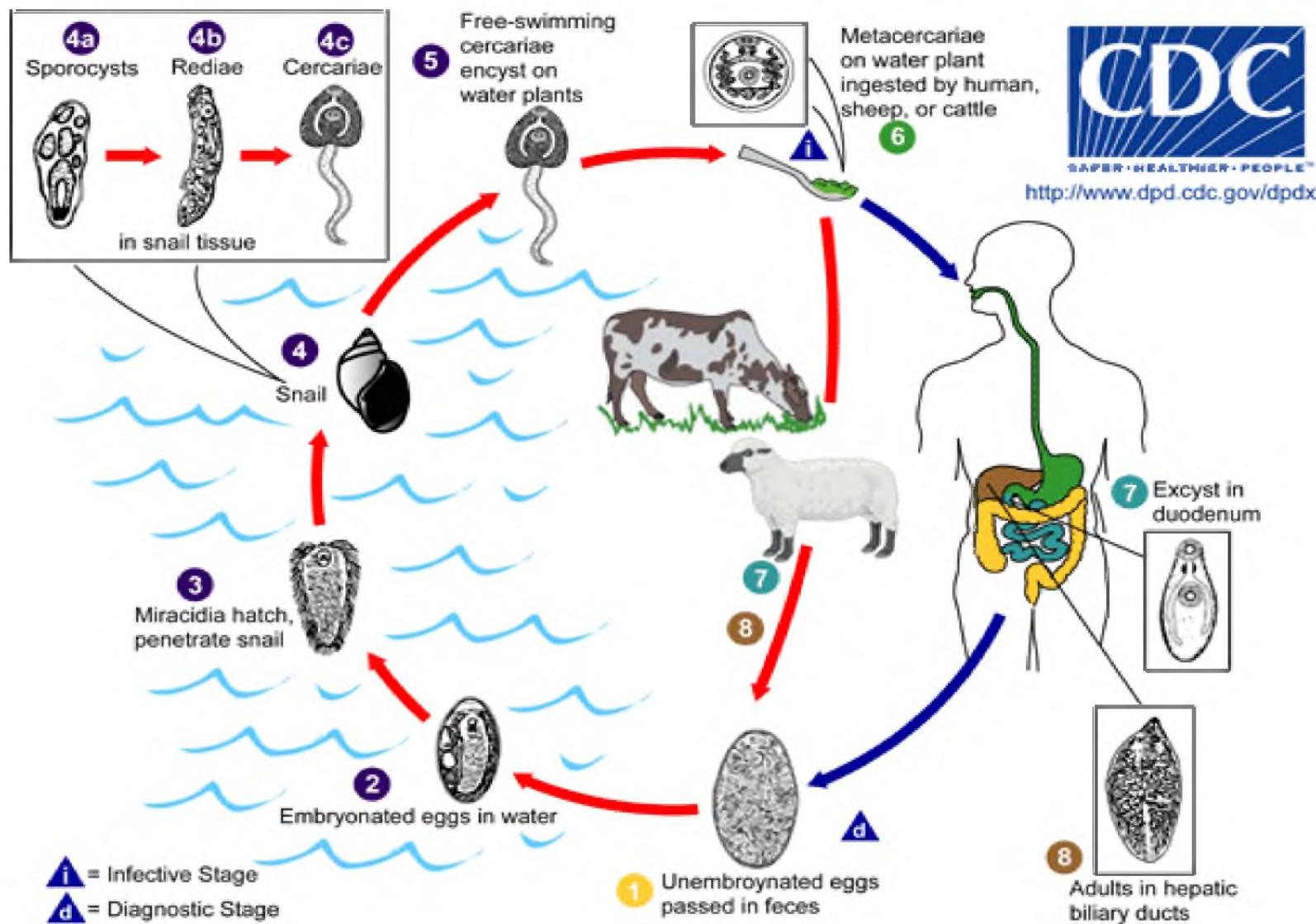
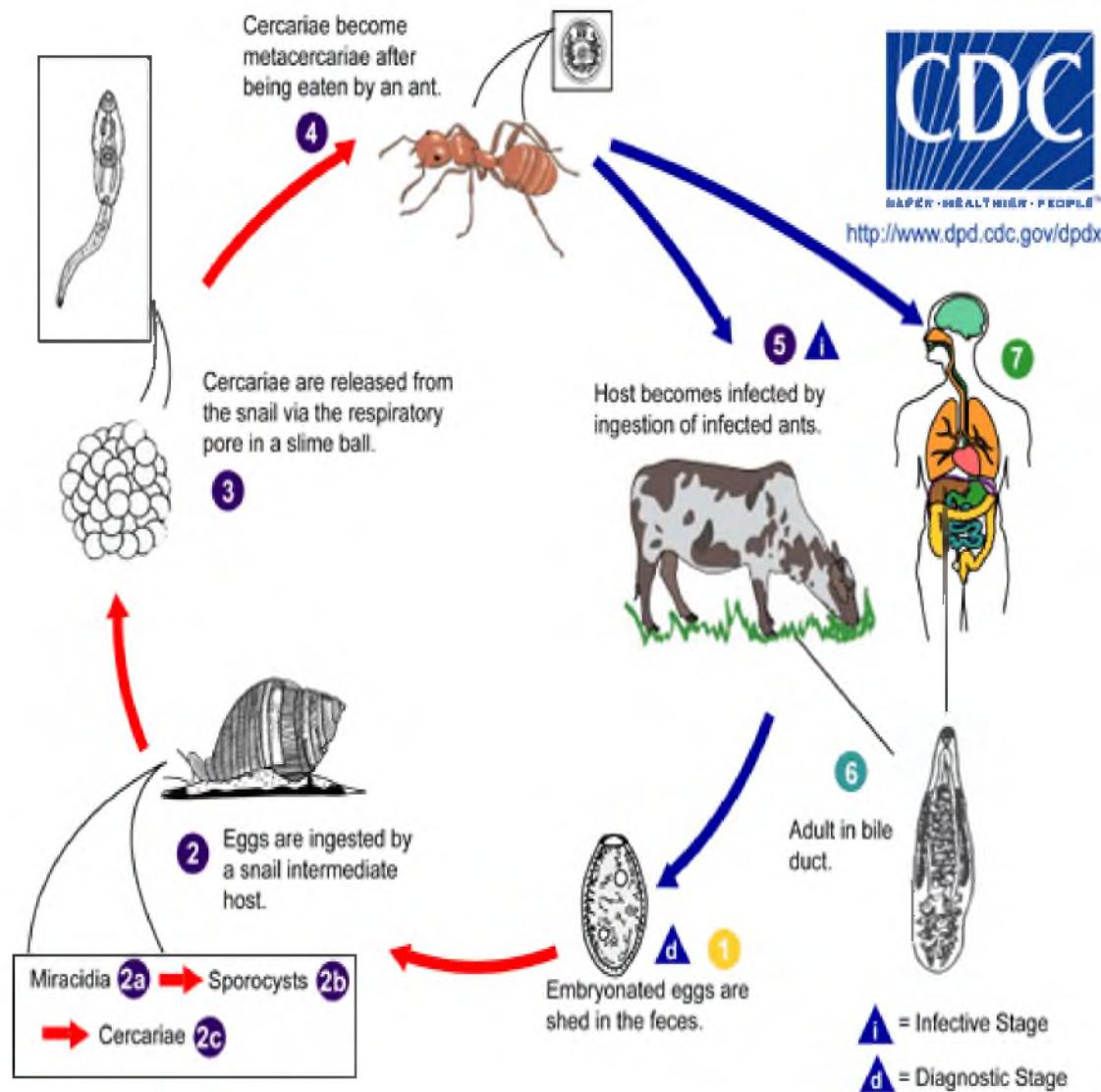


# Life cycle of *F. hepatica*



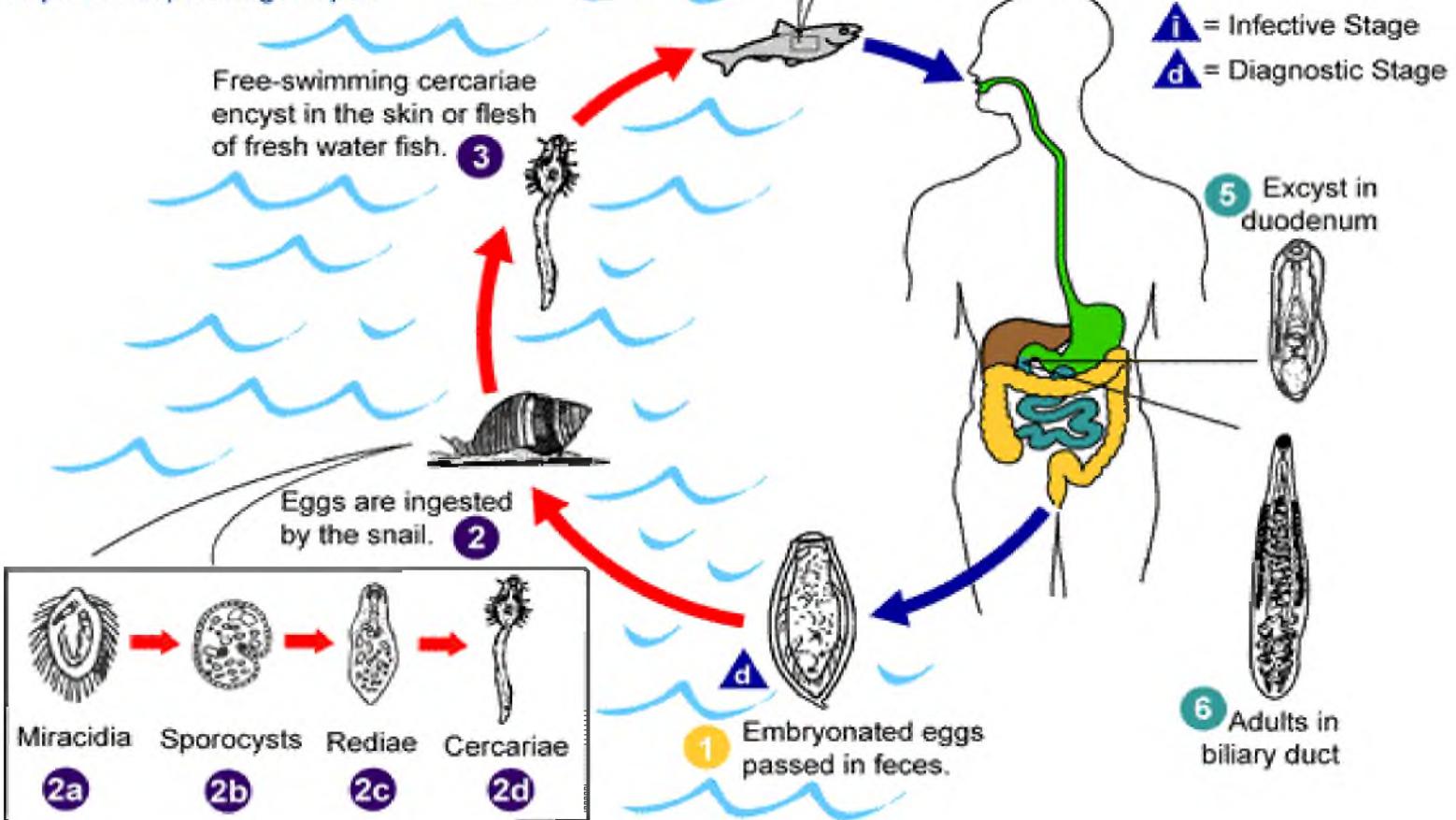
# Life cycle *D. dendriticum*



# Life cycle - *Clonorchis sinensis*



<http://www.dpd.cdc.gov/dpdx>

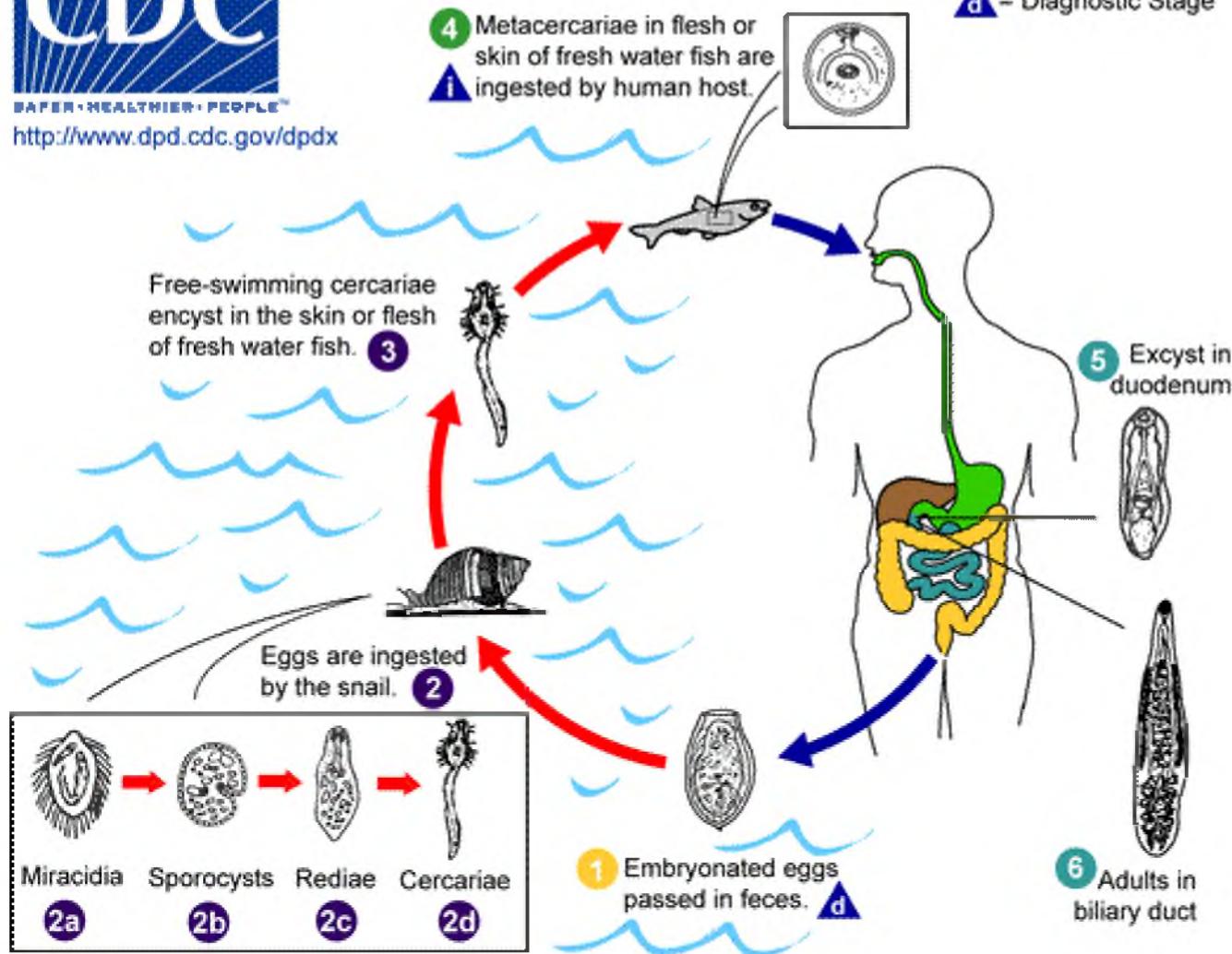


# Life cycle – *Opisthorchis felineus*



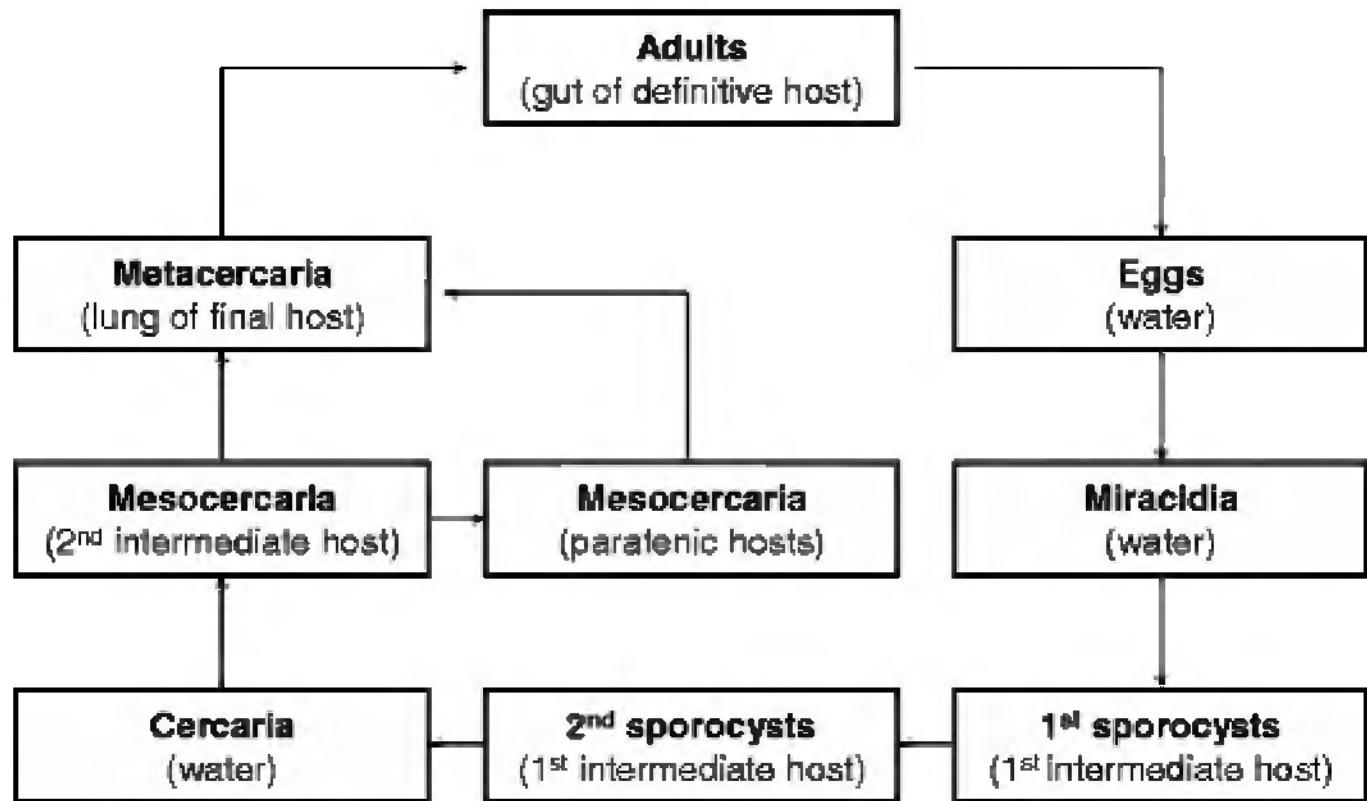
<http://www.dpd.cdc.gov/dpdx>

▲ = Infective Stage  
■ = Diagnostic Stage

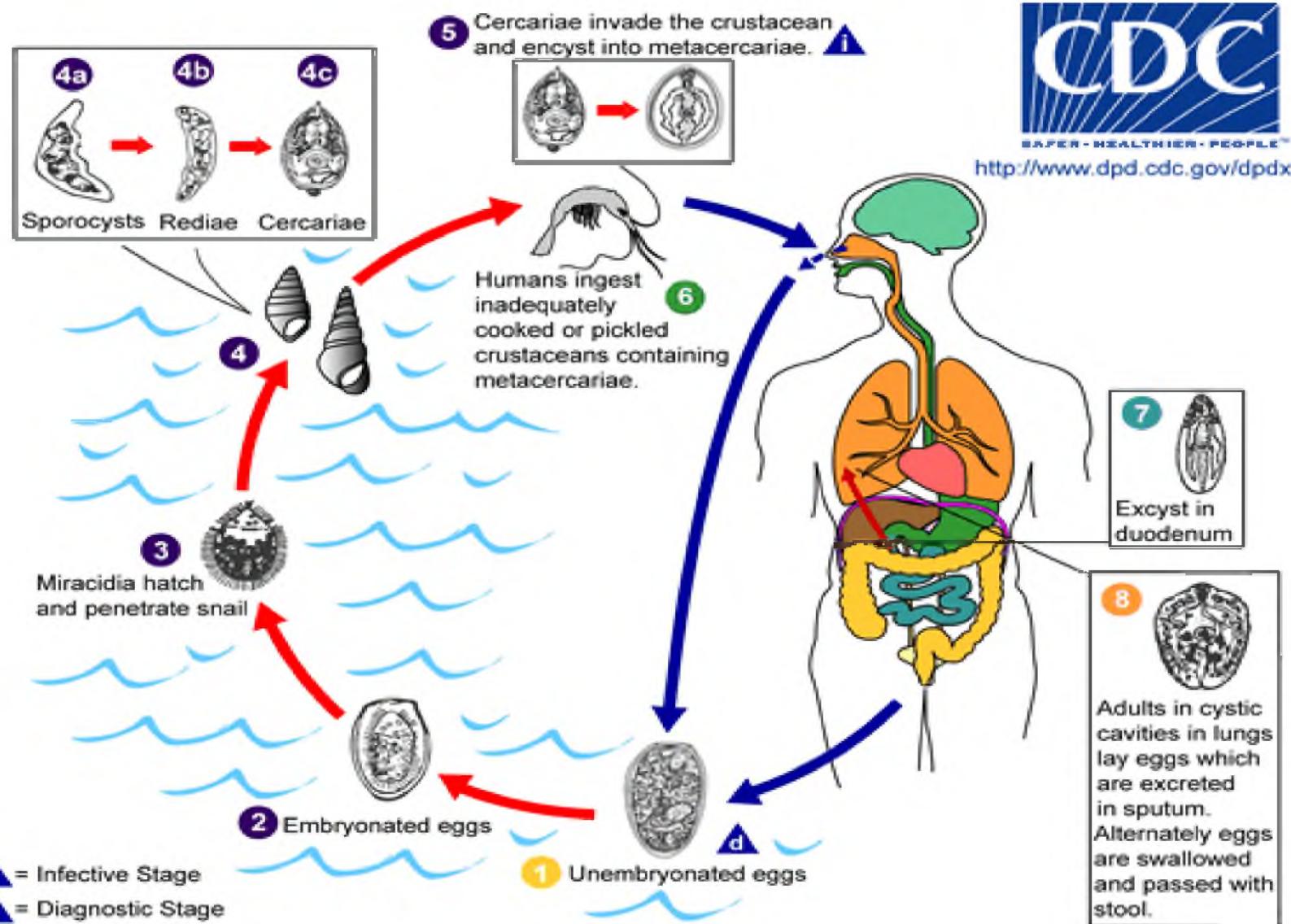


# Life cycle

- Host range of *Alaria* is probably high, with snails as intermediate hosts

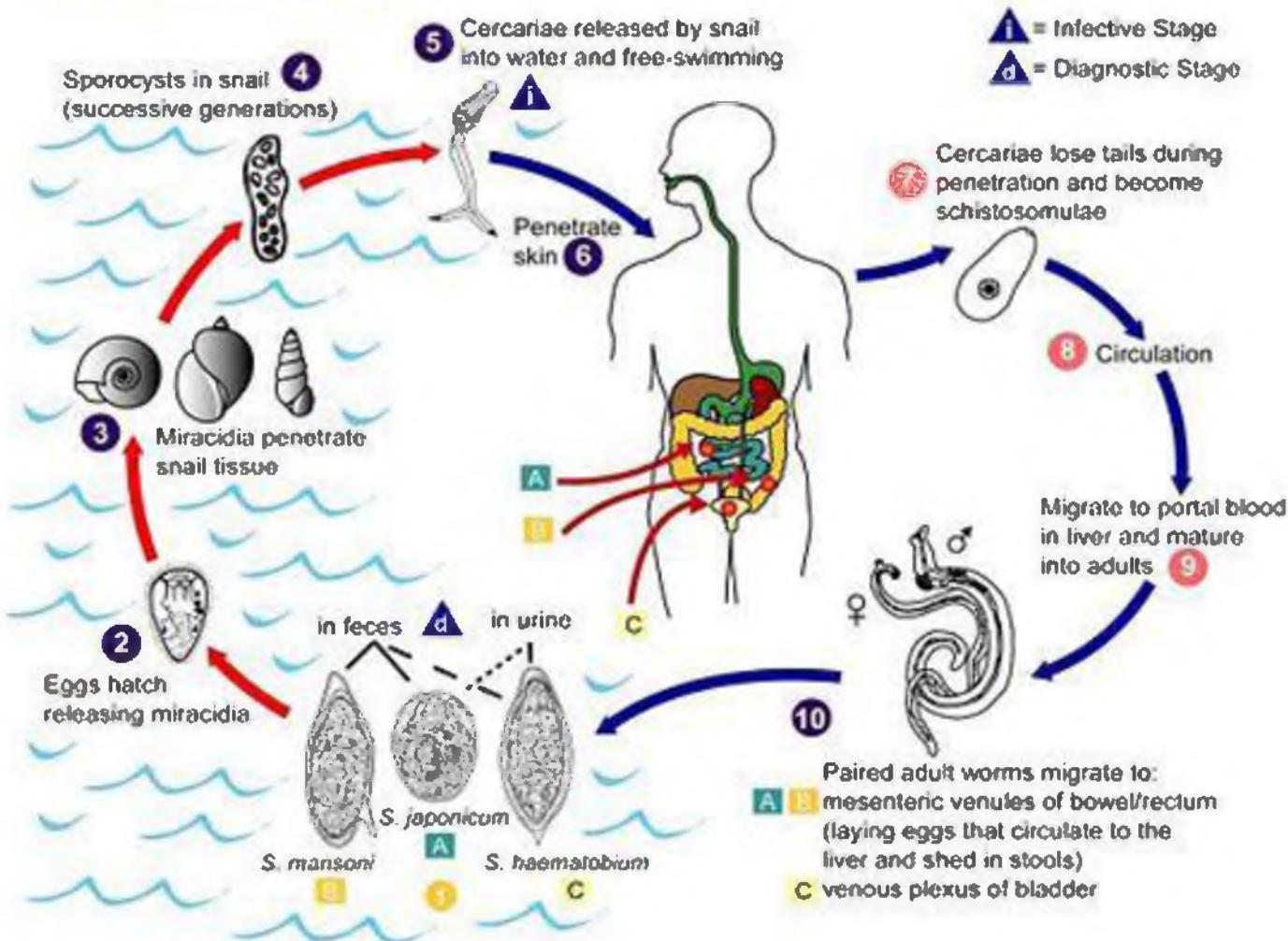


# Life cycle – *P. westermani*

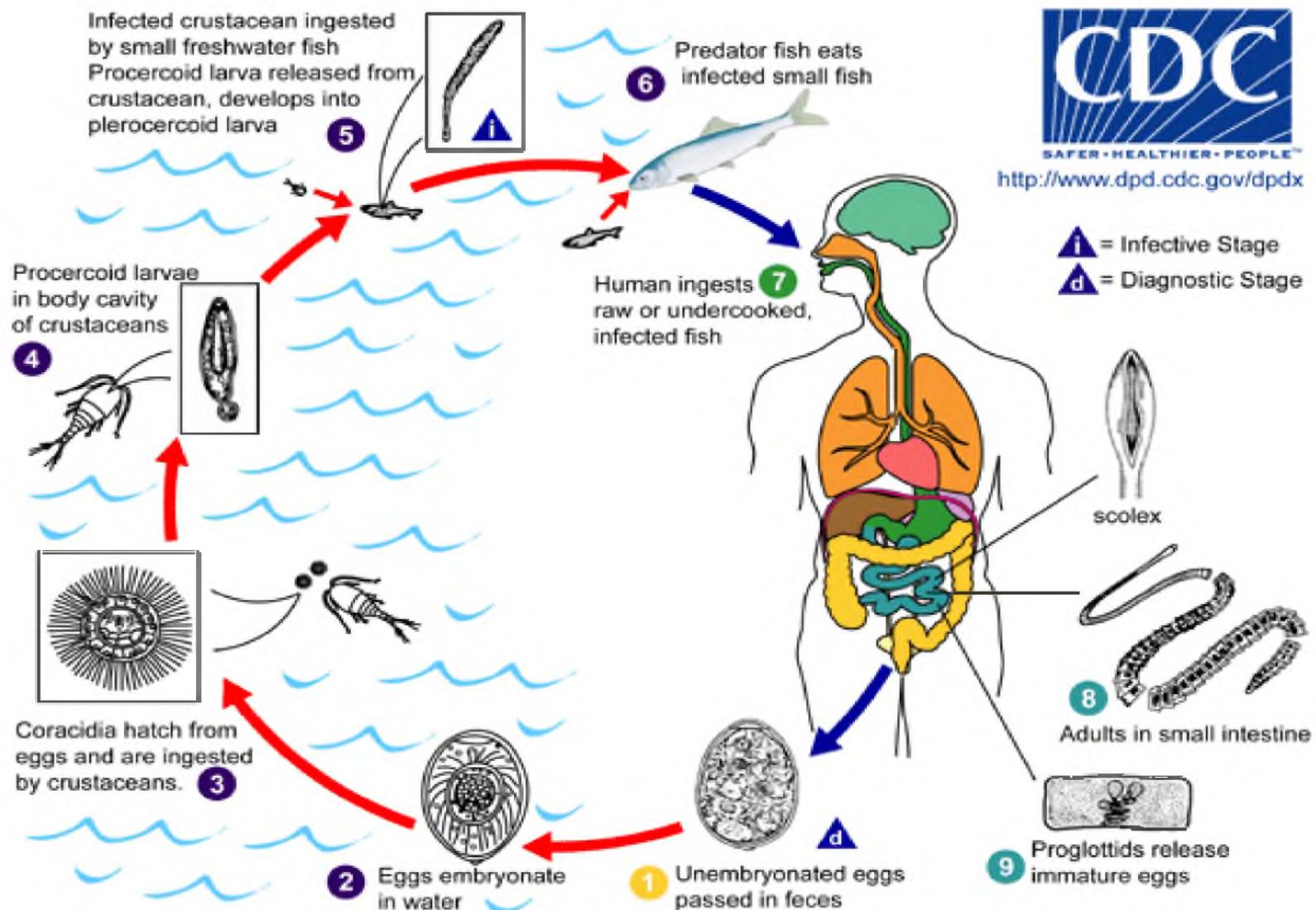


# Life cycle - Schistosoma

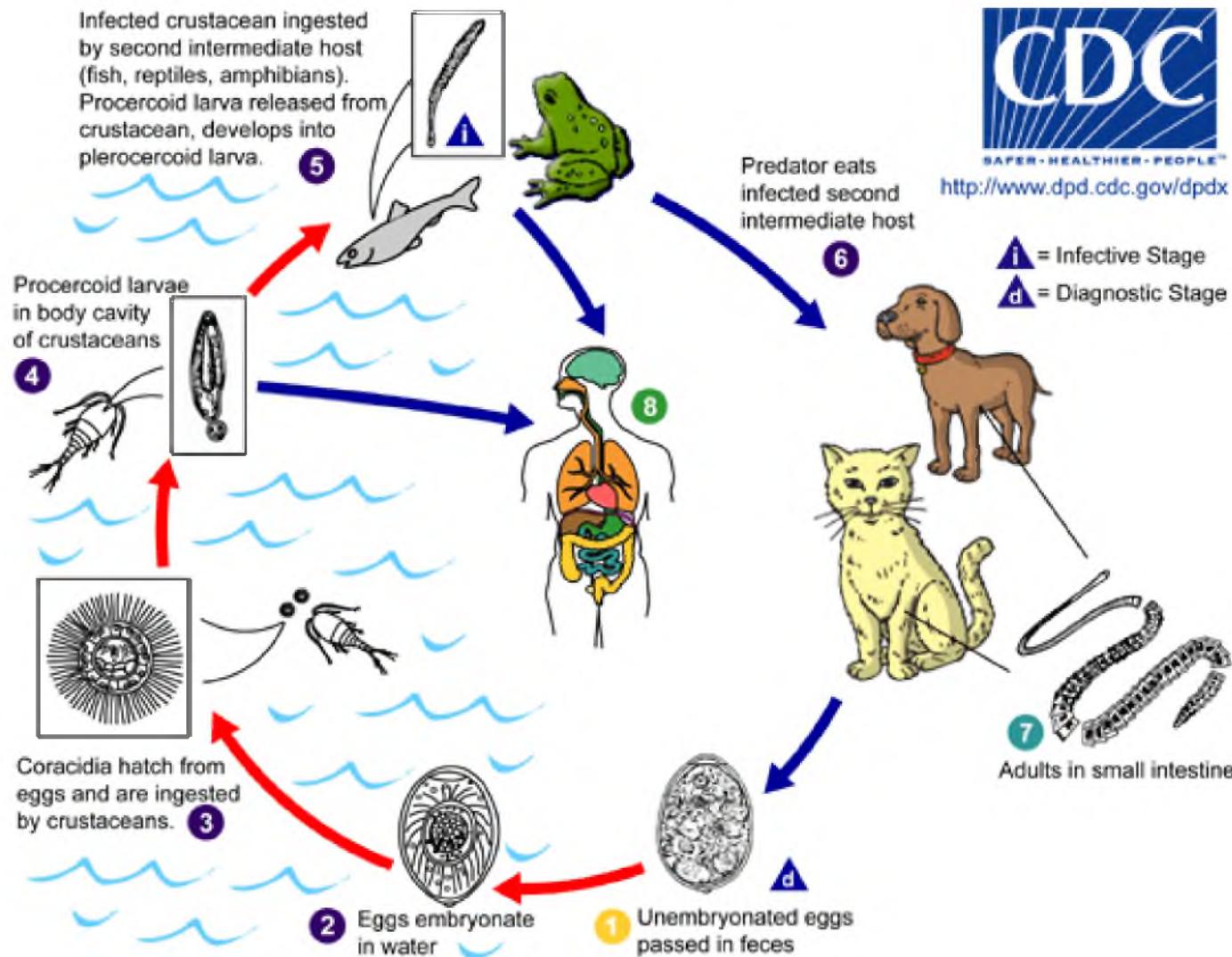
## Schistosomiasis



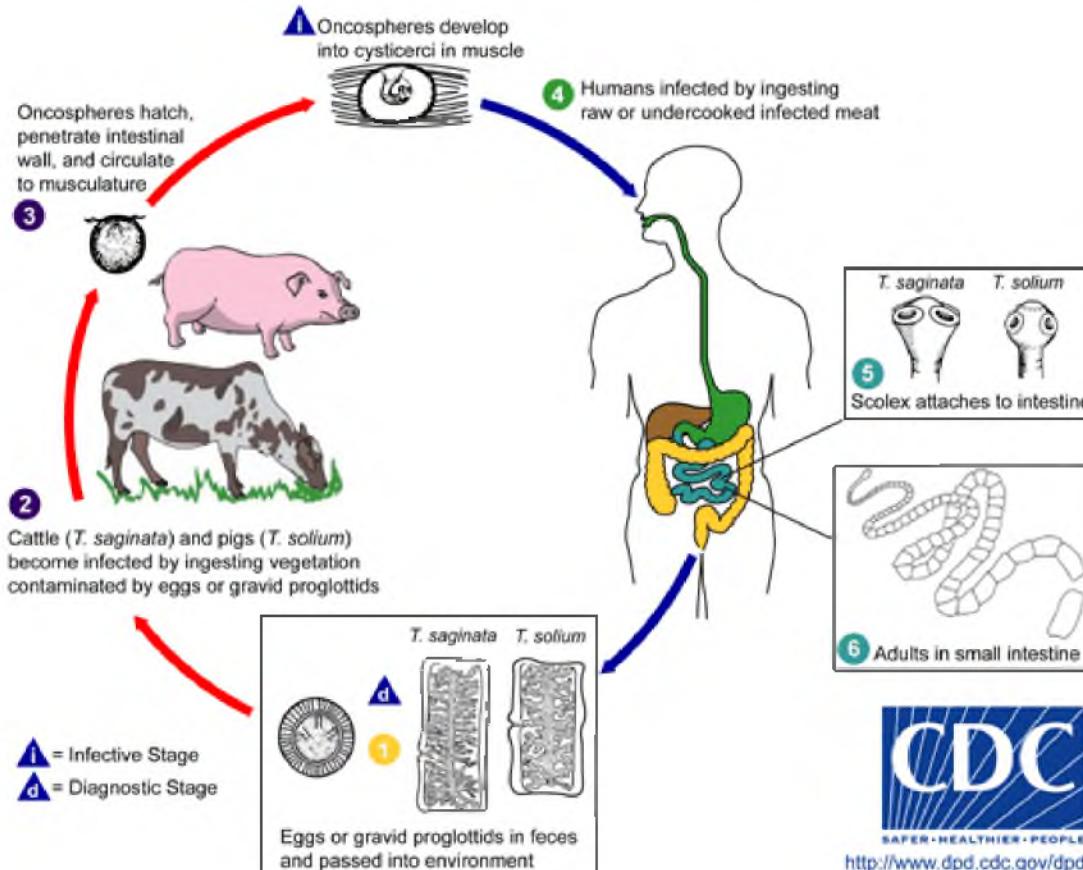
# Life cycle – *D. latum*



# Life cycle of *Spirometra* spp



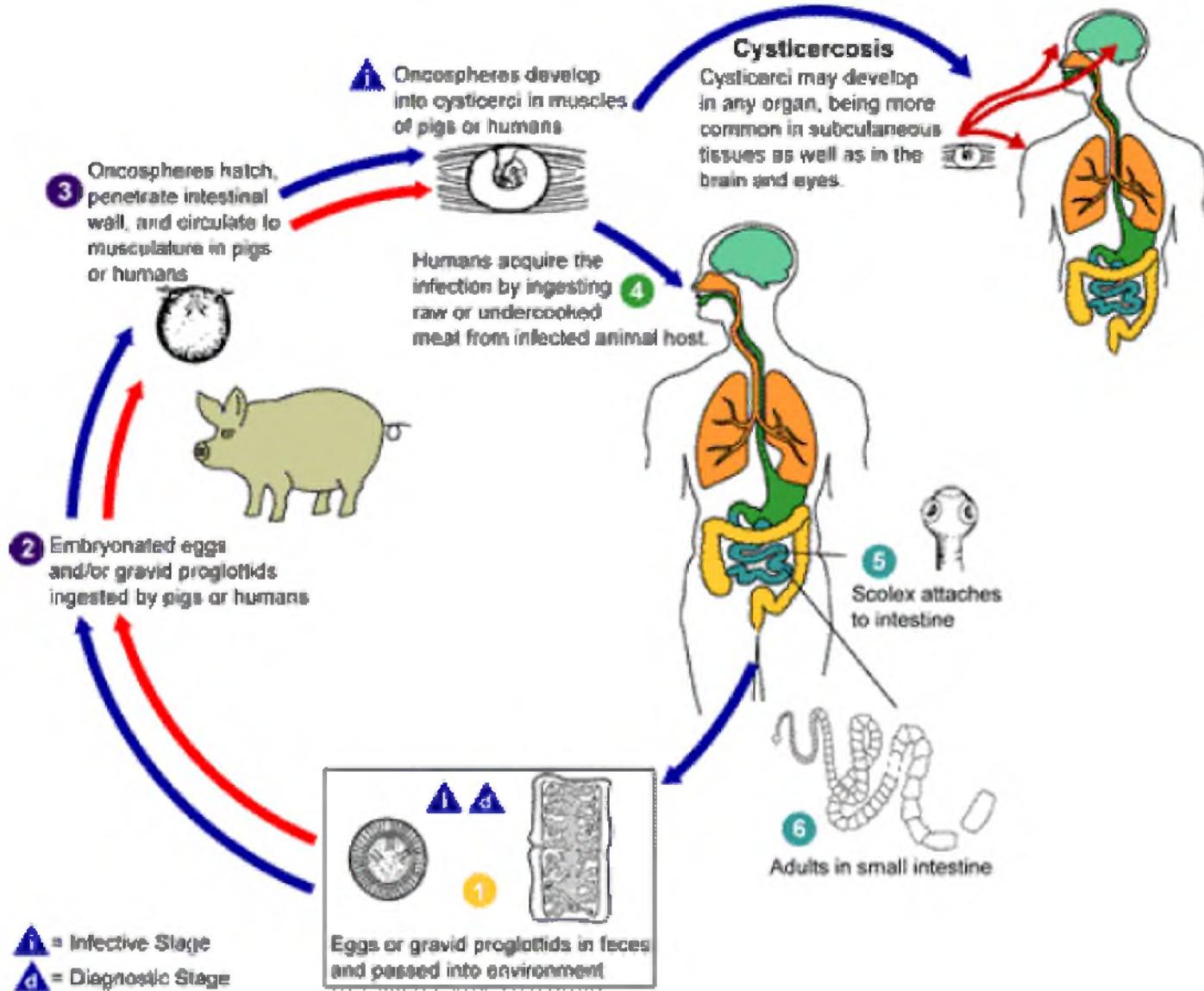
# Life cycle – *T. saginata*



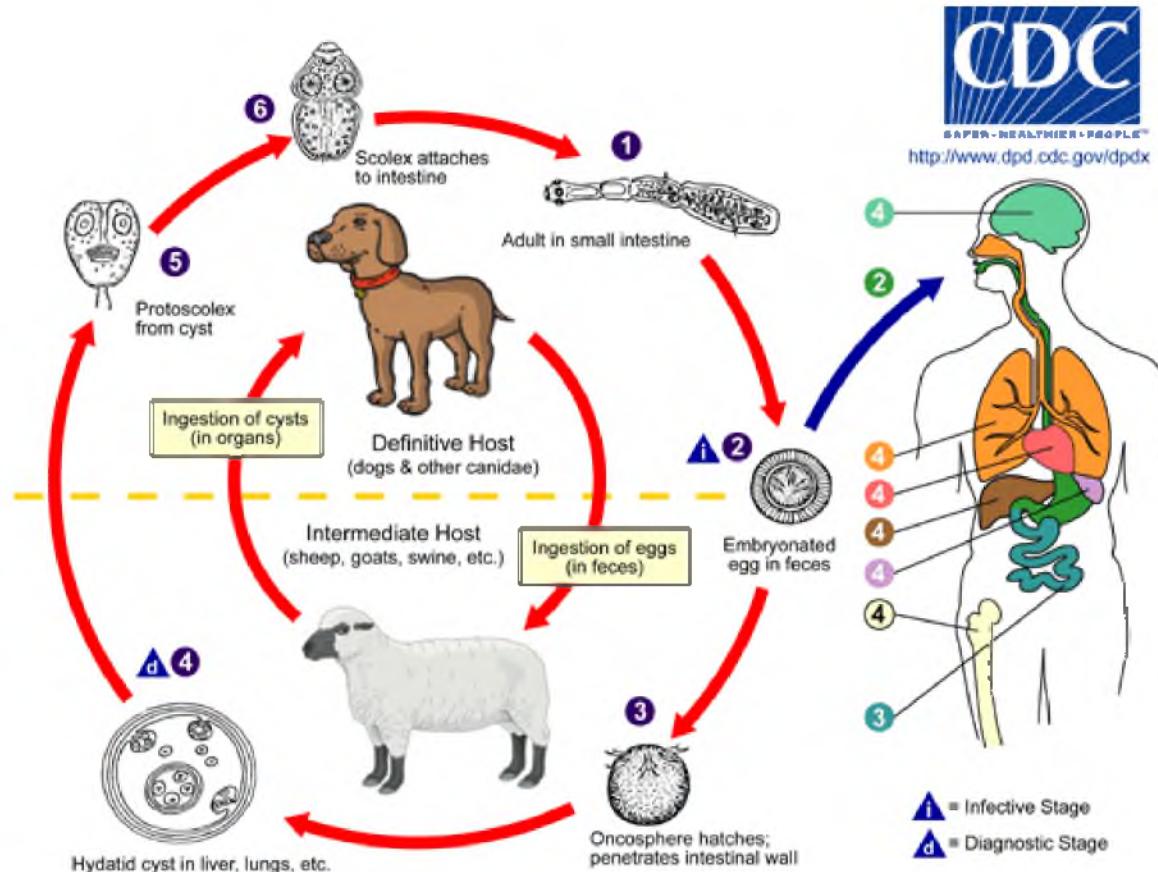
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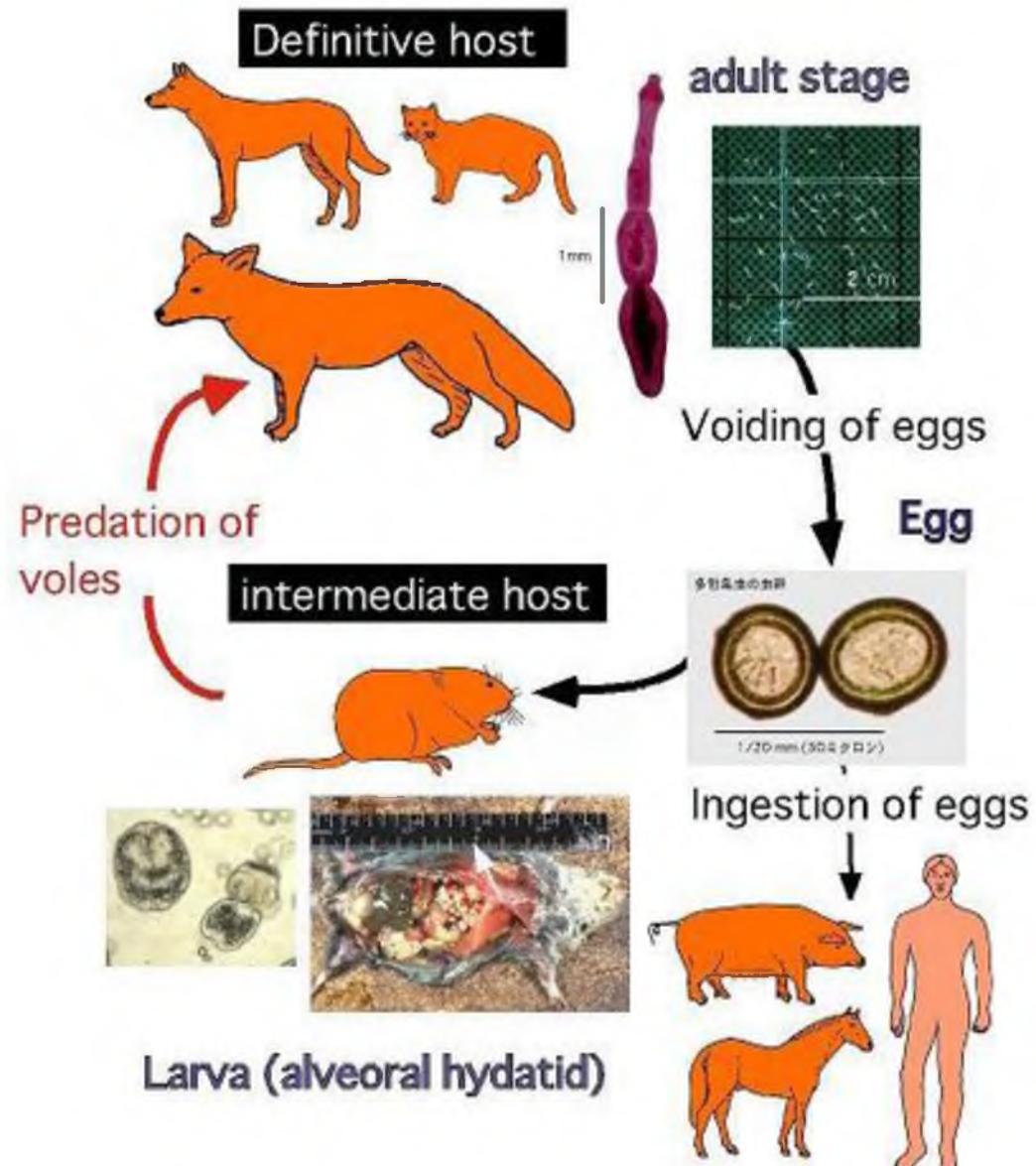
# *Taenia solium*



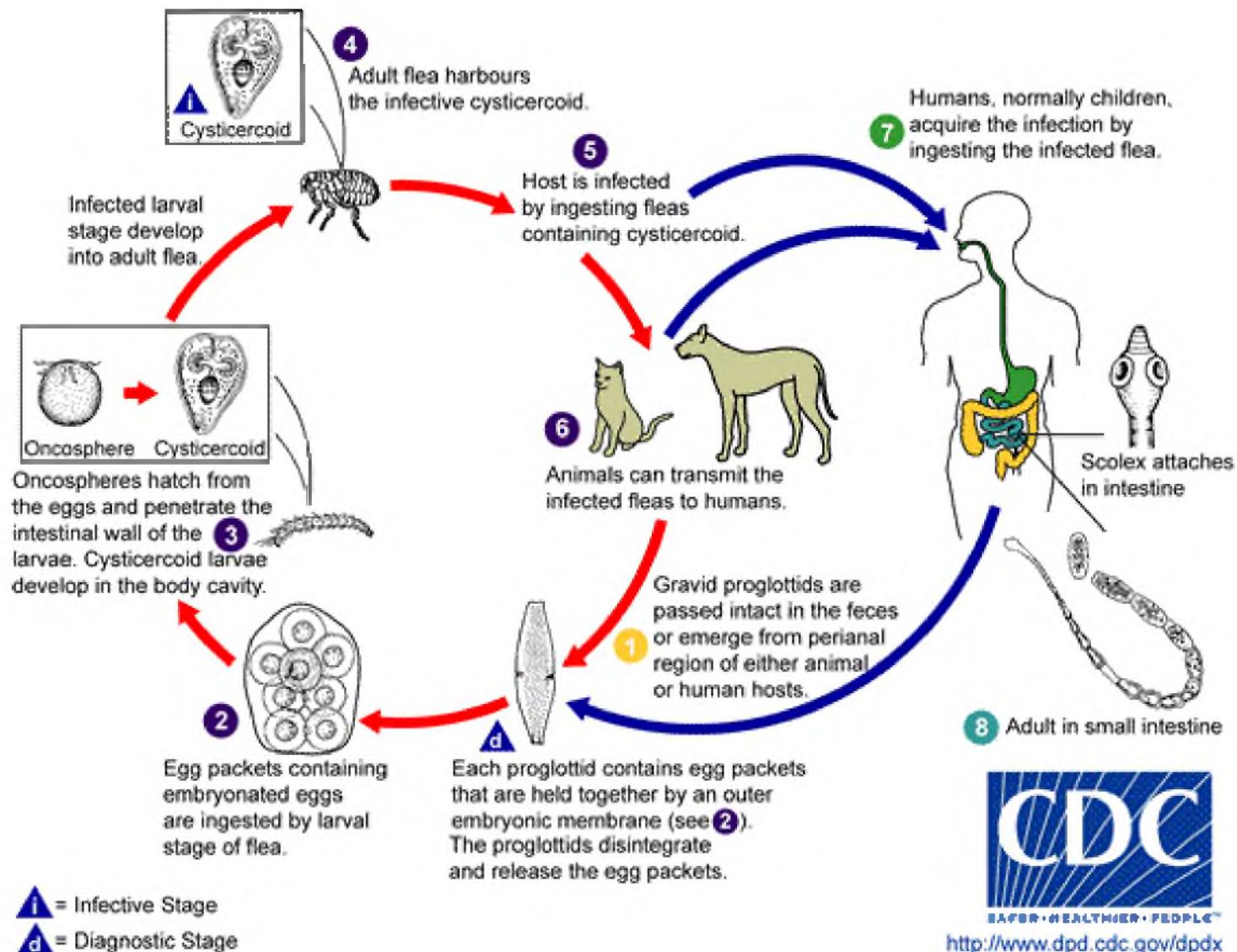
# Life cycle – *E. granulosus*



# Life cycle – *E. multilocularis*



# Life cycle – *Dipylidium caninum*



<http://www.dpd.cdc.gov/dpdx>

Species	Stage Found in Humans	Common Name	Pathology	Therapy
<i>Diphyllobothrium latum</i>	Adult	Fish tapeworm	Pernicious anemia	Niclosamide, Praziquantel
<i>Hymenolepis nana</i>	Adult	Dwarf tapeworm	Rarely symptomatic	Niclosamide; Praziquantel
<i>Taenia saginata</i>	Adult	Beef tapeworm	Rarely symptomatic	Praziquantel
<i>Taenia solium</i>	Adult	Pork tapeworm	Rarely symptomatic	Niclosamide; Praziquantel
	Larvae		Brain and tissue Cysts	Albendazole; Surgery
<i>Echinococcus granulosus</i>	Larvae	Hydatid cyst disease	Solitary tissue cysts	Surgery; Albendazole
<i>Echinococcus multilocularis</i>	Larvae	Alveolar cyst disease	Multilocular cysts	Surgery; Albendazole