

	Large Strongyles	Small Strongyles "Cyathostomins"	Strongylus vulgaris	Strongylus edentatus	Strongylus equinus
Common name					
Hosts	Horses				
Zoonotic		Typically not horses Zemo			
Prepatent Period.	6-11 mo	1.5-4 mo	6 mo	11 mo	9 mo
Identification	Average sized thin shelled; oval Bursate males Buccal capsule - L3 can be distinguished	Adults <1.5cm Mouth capsule is rectang. or square.	Adults 1-2cm	Adults 3-4cm	Adults 3-4cm
Life cycle	DIRECT infection by L3 Arrested Development	Synchronized emergence in the spring Arrested development Transmission occurs during winter	Migration through arteries	Migration in liver + abdominal tissues	Arrested development in the large intestine
Mode of transmission					
Site of infestation /infection	When of large intestine L3 + L3 location species dependent	Larvae: lg. intestinal mucosa Adults: intestinal lumen.	Migrate in arterial vessels of intestine	Larvae in liver + abdominal tissues	
Pathogenesis + lesions	Larvae migrate in organs; Colic Adult blood suckers; Anemia	Larval cyathostomiasis Lymphocytic + eosinophilic inflammation colitiform colitis Protein losing enteropathy?	Arteritis, marked thrombosis, mucous infiltration, death Bleeding + larvae migration.		Larvae in liver form hemorrhagic tracts. Adults Anemia in heavy infections
Clinical signs	Colic, fever, anorexia, constipation, Anemia	Local migration: Enlarged in lg int. walls. Onset of LG chronic diarrhea; Colic Seasonal Severe weight loss; edema.	Thrombo-embolus Colic Anemia Remove plugs of mucosa	Fever, anorexia, constipation, reddish urine, colic w/o fever Pancreas damage = Death	Tracts in pancreas also
Diagnosis	McMaster float; Eggs ID of L3 Uls. arteriography, for migrating larvae Neeropsy	Eggs in fecal exam McMaster Distinguish cyathostomin L3 from large strongyle L3. Eggs in feces of foals (colics) due to caprophagia			
Treatment		some benzimidazoles Macroscopic lesions for mucosal larval stages Bz's, ML's + others for adults.			
Prevention		Inadequate tx during the preceding grazing season Overstocked, highly infective			

Preview from Notesale.co.uk
Page 1 of 2