

Lab animal disease

Tyzzler's Disease

Etiology: This is a fatal necrotizing hepatitis associated with *Clostridium piliformis* (previously *Bacillus piliformis*)

necropsy Findings:

- 1- the liver is grossly enlarged and has miliary necrotic foci.
- 2- Jaundice
- 3- a necrotizing colitis
- 4- in some cases myocarditis.

Coccidiosis in rabbit

Etiology: Many different *Eimeria* spp.

Necropsy Findings:

- 1- clear yellow peritoneal fluid
- 2- discolouration and congestion of the lungs
- 3- multi-focal white necrotic lesions on the liver.

External Parasites

Etiology: *Myobia musculi* and *Myocoptes musculinus*. *Radfordia affinis*
Psorergates simplex.

It is probable that most colonies of laboratory mice carry *Myobia* and *Myocoptes*,

Clinical signs and Necropsy finding

- 1- the host becomes more irritated and scatches.
- 2- loss of hair may occur
- 3- scabby skin lesions may be seen.
- 4- *Psorergates simplex* may give rise to small whitish nodular formations over the infested area which seems to be small infoldings of epidermal tissue.