Tyzzer’s Disease

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Infectious Diseases
Etiology and Pathogenesis

- *Clostridium piliformis.*
- Stress → invading of the bacteria to the blood stream → liver → lesions (disease).
Epidemiology

- Rare
- Usually in 1-5 weeks old foals and calves.

Clinical Findings

- Sudden onset.
- High fever, terminal coma.
- Jaundice, diarrhea in some.
Clinical Pathology

- High serum levels of liver enzymes.

Necropsy Findings

- Necrotizing hepatitis.
- Bacteria in smears.
Treatment

- Erythromycin is drug of choice.
- Penicillin and Ampicillin is good as well.

Control

- No vaccine available.
- Removing or minimizing stress.