Tissue from a Kitten
Case # A12-44395

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3 week-old, female, Domestic Short Hair cat
Presented hypothermic and bradycardic
Lived in a shelter with other cats positive for FIP and FeLV
Necropsy Findings

- BCS 1/5
- Pale mucous membranes
- Brownish fecal fluid staining the hindlimbs and perianal area
- Intestines containing fluid feces
Microscopic Findings
Colon
Colon
Variably distended crypts with necrotic cell debris and bacteria within the cytoplasm of enterocytes.
Warthin-Starry Stain
Colon:

Severe, acute, diffuse, proliferative and erosive colitis with crypt abscesses and intracellular, silver stain positive, rod-shaped bacteria
Liver
Diagnosis

Tyzzer’s Disease

Clostridium piliforme
Tyzzer’s Disease

- *Clostridium piliforme*
  - Intracellular bacteria
- Fecal-oral transmission
- Rare in cats
- Young and immunosuppressed/stressed
  - Overcrowding and poor environment may predispose
- Seen concurrently with other diseases in cats
  - Feline Infectious Peritonitis
  - Feline Leukemia Virus
  - Feline Panleukopenia Virus
Special Thanks

Dr. Monique Silva Franca
Dr. Elizabeth Howerth
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Questions