



ECVP/ESVP Summer School in Veterinary Pathology

Summer School 2011 – Equine Pathology

Foal – UPenn

Horse – foal – liver

- Necrosis, multifocal to coalescing, random, severe
- Hepatocellular degeneration (vacuolization, and death (necrosis))
- Necrosis: hypereosinophilic, shrunken, fragmented, karyolytic hepatocytes
- Neutrophils (necrotic areas), lymphocytes, plasma cells (perivascular, portal), a few macrophages.
- Intracellular filamentous bacteria, Chinese letters arrangement (not visible in all the sections)

MD: Necrotizing hepatitis (hepatic necrosis), multifocal, to coalescing, acute, severe with intracellular filamentous bacteria

D: Tyzzer disease

Et: *Clostridium piliforme*