



ECVP/ESVP Summer School in Veterinary Pathology



Summer School 2009 – Marine Mammals Case 5

Striped Dolphin, Brain cortex

Gross findings:

- Generalised icterus (subcutaneous tissue, aorta, pulmonary vessels, renal pelvis, cerebrospinal fluid) and subcutaneous haemorrhages.
- Hepatic congestion
- Hypertrophy of mesenteric lymph node
- Bulla, 4cm in diameter, left lung
- Usual parasitism in skin, lung and gastric mucosa.

Macroscopical Diagnoses:

- Acute multifocal necrotising hepatitis
- Intrahepatocytic *Sarcocystis*-like apicomplexan protozoal forms in several development stages
- IHC negative for *S.neurona*.
- EM: Morphologic similarities with *S.canis*.