



ECVP/ESVP Summer School in Veterinary Pathology



Marie Curie Training Courses

Summer School 2004 – Reptile Case 6

Slide 6

Tissue of a snake. Liver.

Morphological diagnoses:

- Hepatitis, necrotising, multifocal, random, acute, with intralesional protozoan organisms (amoebic trophozoites)
- Intracytoplasmic inclusion bodies in hepatocytes and biliary epithelium

Aetiology: *Entamoeba invadens* / Inclusion body disease of boids

Key features:

- multifocal necroses
- intralesional amoebic trophozoites
- dilatation of sinusoids filled with macrophages (often filled with granular golden-brown pigment), heterophiles and erythrocytes
- numerous intracytoplasmic eosinophilic inclusion bodies
- (Cave: artefacts due to autolysis, such as dissociation of hepatocytes and cells, difficult to identify)