



ECVP/ESVP Summer School in Veterinary Pathology



Marie Curie Training Courses

Summer School 2004 – Reptile Case 3

Slide 3

Tissues of a turtle. Liver and lung.

Morphological diagnoses:

- Hepatocellular degeneration and necrosis, multifocal, random, acute, mild, with basophilic intracytoplasmic inclusion bodies.
- Pneumonia, bronchointerstitial, proliferative, necrotising, focal-extensive severe, with basophilic intracytoplasmic inclusion bodies.

Aetiology: Iridovirus

Key features:

Liver:

- multifocal hepatocellular hydropic swelling and necroses, randomly distributed
- basophilic intracytoplasmic inclusion bodies
- mild heterophilic infiltration

Lung:

- epithelial hyperplasia of type II pneumocytes
- hydropic swelling and necrosis of epithelial cells
- numerous basophilic intracytoplasmic inclusion bodies
- interstitial oedema and congestion
- heterophilic infiltration