



ECVP/ESVP Summer School in Veterinary Pathology



Marie Curie Training Courses

Summer School 2004 – Reptile Case 10

Slide 10

Tissues of a snake. Kidney.

Morphological diagnosis:

- Nephritis, tubulointerstitial, heterophilic, diffuse, severe, subacute, with multifocal urate granulomas

Disease:

- renal (visceral) gout

Aetiology: Gentamycin toxicity

Key features:

- diffuse interstitial oedema and heterophilic infiltration
- multifocal urate topi surrounded by macrophages and MNGC
- dilatation of collecting ducts and hypersecretion, sometimes epithelial hyperplasia
- multifocally dilatation of Bowman's capsule with pericapsular fibroplasia, dilatation of capillary loops, sometimes proliferation of capsular epithelium