



# ECVP/ESVP Summer School in Veterinary Pathology



Summer School 2009 – Reptile Case 3

## Slide 3. Snake. Lung.

MD: Pneumonia, interstitial, neutrophilic, proliferative, diffuse, subacute, severe, with occasional intracytoplasmic inclusion bodies and syncytial cell proliferation.

Aetiology: Ophidian Paramyxovirus

Key features:

- diffuse epithelial proliferation / metaplasia of type II pneumocytes
- from flattened to tall columnar ciliated cells with mucous production
- Few necrotic epithelial cells
- intracytoplasmic, small, eosinophilic inclusion bodies
- Rare intranuclear inclusion bodies
- rare syncytial cells
- interstitial oedema
- infiltration with mainly heterophiles, fewer lymphocytes and plasma cells