



ECVP/ESVP Summer School in Veterinary Pathology



Summer School 2009 – Reptile Case 9

Slide 9. Snake. Liver.

MD: Multifocal pyogranulomatous hepatitis with intralesional acid-fast bacilli

Aetiology: *Mycobacterium* sp. (*M. marinum*, *M. cheloni*, *M. thamnopheos*)

DD: other bacterial infection (*E. coli*, *S. marcescens*, *P. testudinis*, *Salmonella*, *M. morganii*);
migrating parasite larvae

Key features:

- Disseminated foci of inflammation composed of accumulation of epithelioid macrophages
- surrounding a central core composed of necrotic material and heterophils
- Surrounded by a fibrous capsule
- ZN stain: acid-fast bacilli