



ECVP/ESVP Summer School in Veterinary Pathology



Marie Curie Training Courses

Summer School 2006 – Muscle Case 8

8- Tissues from a 5-week-old Turkey

Paraffin wax embedded - HES

Skeletal muscle

Numerous transverse and longitudinal sections: some of them are normal, others exhibit lesions.

In longitudinal sections, subacute segmental regeneration (basophilic cytoplasm, vesicular nuclei) after the step of fusion of myoblasts (my tube formation). No acute necrosis was seen. Monophasic multifocal lesion. Minimal macrophagic infiltration.

Some transverse sections exhibit more extended lesions (a third of the bundle section made of myotubes). Eosinophilic hyaline fibers are admixed with normal fibers.

Monophasic multifocal regeneration of muscle. Toxic etiology (Narasin in the diet).