



ECVP/ESVP Summer School in Veterinary Pathology



Marie Curie Training Courses

Summer School 2008 – CNS Case 9

Case 9) 2758/89 4: Tissue from a DOG

Spinal cord: Throughout the circumference with accentuation in the dorsomedial and ventromedial aspects, the white matter shows severe dilation of myelin sheaths. Some of these contain a markedly swollen, bright eosinophilic axon (spheroid) or a histiocytic cell, sometimes displaying a foamy cytoplasm (myelinophages). In some areas, numerous small, rod-shaped glial cells are present (microgliomatosis). Leptomeningeal blood vessels are severely congested.

Morphologic Diagnosis

Spinal cord: White matter degeneration, diffuse, severe, acute.

Cause:

Trauma, disc prolaps