



ECVP/ESVP Summer School in Veterinary Pathology



Marie Curie Training Courses

Summer School 2008 – CNS Case 4

Case 4) S 841/98 C2:

Tissue from a HORSE

Spinal cord: Throughout the gray matter, there is diffuse severe extravasation of erythrocytes (hemorrhage) and diffuse vacuolation of the neuroparenchyma. The neuropil displays dilation of myelin sheaths with spheroid formation. Numerous neurons show loss of Nissl's substance and shrunken nuclei (neuronal degeneration). Venous vessels in the leptomeninges and throughout the spinal cord are moderately to severely congested.

Morphologic diagnosis:

Spinal cord: Poliomyelomalacia, diffuse, severe, acute with hemorrhage

Name the condition:

Equine post-anesthetic hemorrhagic myelopathy