



ECVP/ESVP Summer School in Veterinary Pathology



Marie Curie Training Courses

Summer School 2008 – CNS Case 25

Case 25) S 2838/95: Tissue from a PIG

Spinal cord: Bilaterally symmetrical and predominantly in the ventral horns of the gray matter, there is a loss of neurons and surrounding neuropil. Numerous neurons show loss of Nissl substance and shrunken nuclei (neuronal degeneration). These areas show a marked infiltration with gitter cells and histiocytes and to a lesser extent eosinophils and neutrophils. There is a moderately increased number of astrocytes (astrogliosis). Blood vessels have activated endothelial cells and display moderate congestion.

Morphologic diagnosis:

Spinal cord: Poliomyelomalacia, bilaterally symmetrical, severe, subacute

Etiology:

Selenium intoxication