



ECVP/ESVP Summer School in Veterinary Pathology

Summer School 2011 – Equine Pathology

08-3520 – not UPenn

Horse – Brain - Neocortex

- Perivascular cuffing with lymphocytes (and sporadic macrophages)
- Gliosis
- Neuronal necrosis
- Neutrophils
- Ring hemorrhages
- Edema: increase of perivascular Virchow-Robin spaces, mild pallor

MD: Encephalitis, moderate, with neuronal necrosis, neutrophils and perivascular lymphocytic cuffing.

D: Eastern equine encephalomyelitis

Et: EEE alphavirus

DD: WEE, VEE, arboflaviviruses (e.g. West Nile virus, Louping ill, Kunjin, Murray valley).