



ECVP/ESVP Summer School in Veterinary Pathology



Marie Curie Training Courses

Summer School 2004 – CNS Case 5

Case 5. nr T5 (N82/04) Tissue from a dog

Description: Cross section of the brain, through the frontal lobe.

Infiltrative uniform neoplastic cell population that form sheets of densely packed cell. Nuclei elongated (carrot-shaped) and dense with heterochromatin. Cytoplasm pale and often inapparent. Mitotic figures common. Formation of rosettes (Homer-Wright rosette) with a core of pale eosinophilic fibrillary processes. Formation of pseudorosettes around vessels. Nervous tissue segregated between neoplastic cell population

Morphologic diagnosis: Primitive Neuroectodermal Tumour (PNET); Cerebral Neuroblastoma; Ependymoblastoma