



ECVP/ESVP Summer School in Veterinary Pathology



Marie Curie Training Courses

Summer School 2005 – Urinary Tract Case 8

Case 8 (S04-0326.5)	Points
<p>Species: Bovine Organ: Kidney</p> <p>Description: <u>Multifocally, periglomerular, interstitial, perivascular (arteries and veins) and in the vessel walls of bigger arteries a moderate to large amount of inflammatory cells are visible. The inflammatory cells are composed out of a moderate number of lymphocytes, plasmacells and macrophages. A bigger arterial vessel wall in the interstitium is transmurally and multifocally as well as perivascularly infiltrated with a moderate amount of lymphocytes, plasmacells, macrophages and small amounts of neutrophils. The media cells are slightly activated and the adventitia thickened by slight formation of fibrous tissue. Also some erythrocytes admixed in the inflammatory cells are discernible.</u> Diffusely, in the cortex and medulla, most vessels are engorged and filled erythrocytes (<u>congestion</u>).</p> <p>Diagnosis: Moderate, multifocal, lymphoplasmacellular to histiocytic interstitial nephritis (periglomerular, perivascular and interstitial) and focally-extensive, severe, lymphoplasmacellular and histiocytic arteritis (vasculitis)</p> <p>Etiology: Ovine Herpesvirus-2</p> <p>Associated lesions: Vasculitis in urinary bladder, lymphoplasmacellular encephalitis, enteritis with vasculitis, etc.</p> <p>Name of the disease: Malignant catarrhal fever</p>	