



ECVP/ESVP Summer School in Veterinary Pathology



Marie Curie Training Courses

Summer School 2008 – Skeletal Muscle B7726-07

Case #C (B7726-07)

Anamnesis: Equine, 7 years old, Thoroughbred horse, gelding

History: Lameness localised to the left stifle joint. Arthroscopy showed degenerated menisci and fragmented cruciate ligaments.

Slide description: This is a section from the synovial membrane with marked villus formation. Proliferating synoviocytes line the villi and the subsynovial connective tissue contains a perivascular to diffuse infiltration of lymphocytes intermingled with low numbers of plasma cells and foci of haemosiderin-laden macrophages. There also are areas composed of chondroid tissue (characterised by clusters of chondrocytes, some of which are necrotic, surrounded by pale basophilic matrix) and areas composed of densely eosinophilic regular collagenous connective tissue containing low numbers of fibroblastic cells. These areas are interpreted to be fragmented remnants of degenerated menisci.

Diagnosis: Synovitis, proliferative, non-infectious, secondary to meniscal degeneration.