



ECVP/ESVP Summer School in Veterinary Pathology



Marie Curie Training Courses

Summer School 2005 – Fish CMS

Slide CMS

1. Description of histological findings

Massive degeneration and necrosis of the inner spongious layer of the ventricle of farmed Atlantic salmon. Extensive infiltration of myocytes by mononuclear cells (lymphocytes and macrophages). Moderate thickening of the epicardium, some focal fatty infiltration of the epicardium. Large and vacuolated myocyte nuclei.

2. Morphological diagnosis

Massive myo-and endocarditis comprising the inner spongious layer of the ventricle. Epicarditis.

3. Name of the disease

Cardiomyopathy syndrome (CMS)

4. Aetiology

Unknown (nodavirus?)