



ECVP/ESVP Summer School in Veterinary Pathology

Summer School 2012 – Mock Exam

Slide n° 6. Tissue from a pig

Description:

Tonsil. A diffuse and marked lymphoid loss or depletion with evident loss of lymphoid follicular structure is observed. Moderate macrophagic or histiocytic infiltration of follicular remnants with sporadic multinucleated giant cells is noted. In the cytoplasm of the macrophages, numerous round, botryoid, basophilic, 4-6 µm. of diameter inclusion bodies are observed. Mild eosinophilic infiltration, interstitial fibrosis and hyperemia is also observed. Pseudopapillary projections of the tonsillar/oral epithelium are noted.

Morphologic diagnosis/es:

Diffuse chronic severe tonsillar lymphoid depletion with histiocytic infiltration and intralesional inclusion bodies

Etiology:

Porcine circovirus type 2 Point(s)

Design	2
Tissue : oral cavity/tonsil	1
Descriptive features:	
Loss follicular tonsil structure	1
Diffuse loss/depletion of lymphocytes	2
Infiltration of histiocytes	1,5
Containing intracytoplasmic (1) botryoid or round (1) basophilic (1) inclusion bodies (1)	4
Multinucleated giant cells	1
Slight eosinophilic infiltration	0,5
Slight fibrosis	1,5
Hyperemia	0,5
	3
Morphologic diagnosis/es:	
Diffuse chronic severe (0,5) tonsillar lymphoid depletion (1) with histiocytic infiltration (0,5) and intralesional inclusion bodies (1)	
Etiology : Porcine circovirus type 2	2
Total	20