



ECVP/ESVP Summer School in Veterinary Pathology



Marie Curie Training Courses

Summer School 2008 – Gastrointestinal ZH7

ZH 7 Snake	Points
	20
Stomach:	1
The gastric mucosa is markedly <u>hyperplastic with prominent mucosal folds</u> and the lamina propria strongly <u>edematous</u> . Multifocally to diffusely in the stomach lumen <u>cellular debris, fibrin</u> and mostly attached to the luminal epithelial cells as well as at the apical surface of the epithelial cells of gastric glands large amounts of <u>3 to 5 micrometer big, round oocysts are visible (interpreted as cryptosporidia)</u> . Only <u>few chief cells are still visible and most of them are replaced by mucous neck cells and superficial epithelial cells (atrophy)</u> . There are nests of <u>hyperplastic branching glands</u> extending deep into the lamina propria. Diffusely in the lamina propria moderate to large amounts of <u>lymphocytes and plasmacells</u> are visible. Small amounts of lightly eosinophilic material (<u>mucus</u>) is visible in the glands.	1 1 1 1 3 2 1 1 2 1
Diagnosis:	
Moderate to severe multifocal to diffuse gastric hyperplasia (mucosal neck hyperplasia) and severe diffuse gastric edema with large amounts of cryptosporidial oocysts	3
Mild lymphoplasmacellular gastritis	1
Aetiology: Cryptosporidia serpentis	1
Style: 1 point	