

Marie Curie Training Courses

Summer School 2008 – Gastrointestinal UA7

UA 7. Histopathology slide, dog.

Several biopsies from small intestine, most of them full thickness. Marked preparation artifacts at sites, with partial loss of mucosa. Plasmacytic infiltration is increased in villous and intercryptal lamina propria in most specimens, at sites markedly, accompanied by a less conspicuous lymphocyte component and multifocally mixed with some neutrophils and eosinophils. Villus morphology sometimes obscured by tangential sectioning but stubby villi are often seen and at sites villus atrophy is very marked (subtotal). There is prominent hyperplasia of crypts in atrophic areas. Multifocally, the surface epithelium is attenuated. In one section, a submucosal lymph follicle appears hyperplastic.

	Points
Style	2
Identification of tissue (small intestine)	1
Rich mucosal infiltration of plasma cells	3
Fewer lymphocytes	1
Small foci of PMN and eosinophils	2
Villus atrophy	3
Crypt hyperplasia	3
Multifocal attenuation of surface epithelium	1
Diagnosis: Lymphocytic-plasmacytic enteritis with villus atrophy	4
TOTAL	20

Histopath
UA7