

Marie Curie Training Courses

Summer School 2008 – Gastrointestinal UA4

Histopath
UA4

UA 4. Histopathology slide, pig.

Specimen from spiral colon. Widened mucosa with prominent crypt cell hyperplasia. Hyperplastic crypts are often markedly irregular and dilated. The lining epithelial cells are crowded, immature, pleomorphic and often tall. There is subjectively increased mitotic activity and loss of goblet cells is pronounced. Some crypt abscesses occur and the surface epithelium is multifocally attenuated. There is slight presence of *Balantidium coli* organisms.

	Points
Style	2
Identification of tissue (large intestine)	1
Widened mucosa	1
Crypt hyperplasia	3
Irregularity of crypts	3
Cellular immaturity and pleomorphism in crypts	2
Loss of goblet cells	1
Increased mitoses	1
Crypt abscesses	1
Attenuation of surface epithelium	1
Diagnosis: Porcine intestinal adenomatosis	4
TOTAL	20