



ECVP/ESVP Summer School in Veterinary Pathology

Summer School 2011 – Female Reproductive Tract

Repro8: Canine tissue.

Four sections of uterus show a segmental thickening of the uterine mucosa. The thickening consists of dilated glands and vessels with an inflammatory infiltrate, hemorrhage with some siderocytes and hematoidin and large zones of homogenous, eosinophilic material (fibrinoid). The endometrium is lined by foamy, tall, simple epithelium with vacuolated cytoplasm (progesterone influence). The dilated glands often contain degenerated neutrophils or cell debris that sometimes is calcified. In the fibrinoid is a lymphoplasmacytic infiltrate with fewer neutrophils and macrophages often as a submucosal band. Syncytial are scattered in the fibrinoid often deep in the submucosa (syncytial trophoblasts).

Uterus: Focal chronic endometritis with hemorrhage and retained trophoblasts.

Condition: Subinvolution of placental site.