



ECVP/ESVP Summer School in Veterinary Pathology

Summer School 2011 – Female Reproductive Tract

Repro 2: Slide is from the uterus of an aged bitch with a cystic outpouching from the uterine horn.

This is a cross section of uterus. It includes a complete circumference of endometrium. The lining endometrial cells are a simple tall columnar epithelium with a finely vacuolated cytoplasm and apical nuclei (physiologically normal for luteal response). The endometrial glands have proliferated and form papillae and sometimes profiles of branching. At one end of the section, the muscle layers are split by a cyst lined by a simple cuboidal epithelium and occasional small similarly lined cysts are below the simple lining epithelium (reminiscent of an endometrium, adenomyosis).

Morphologic Dx: Uterus: adenomyosis; luteal phase endometrium.