



# ECVP/ESVP Summer School in Veterinary Pathology

Summer School 2016 – Female Reproductive

Section 1, 16 year-old mare.

The section includes a luteinized structure with hemorrhage (ovary). Near the surface of a natural border are ova (section is near the ovulation fossa). Several large cysts of variable size that often contain a fluid with low amount of protein and that is lined by a simple cuboidal lining with scattered ciliated cells (ovulation fossa inclusion cysts). The luteal structure has an organized, thick wall of luteal cells with a layer of fibrous tissue interfacing between the luteal cells and hemorrhage. The hemorrhage has not organized into a clot and has a homogenous texture. Brown/black precipitate is artifactual acid hematin.

**Diagnosis:** Ovary: Hemorrhagic anovulatory follicle, multiple ovulation fossal inclusions