

**Appendix 1: Biopsy report of mare 1 from an Arabian farm in Saudi Arabia submitted in 2009
and categorised as biopsy Grade I.**

History: Five-years old Arabian mare, uterine fluid post peroxide Rx, managed by Ringer's irrigation & Excenel intra-uterine instillation, no fluid observed & biopsy taken.

Quality of section: good

Length: 2.0 cm

Luminal contents: scattered mild amount of proteinaceous exudate

Luminal epithelium: low columnar

Str. Compactum: diffuse mild lymphocytic infiltrate with scattered eosinophils; diffuse mild haemosiderin/lipofuchsin accumulation;

Str. Spongiosum:

Stroma: diffuse mild oedema; diffuse mild lymphocytic infiltrate with scattered eosinophils; diffuse mild haemosiderin/lipofuchsin accumulation

Glands: good density; branched, low columnar epithelium; scattered mild gland dilatation

Blood vessels: nothing abnormal

Lymphatics: scattered mild dilatation

Diagnosis: probable post-partum mare within months of foaling

Category: Grade I (>70% chance of carrying a pregnancy to term)

CONCLUSION: No obvious abnormality of endometrial architecture, haemosiderin accumulation is generally observed in association with post-partum/abortion mares