

**Appendix 2: Biopsy report of mare 14 submitted from a South African Thoroughbred farm
in 2013 and categorized as biopsy Grade IIA**

History: TB mare, barren, 12 years-old, foaled June 2012, request prognosis for breeding

Quality of section: fair

Length: 1.5 cm

Luminal contents: nothing

Luminal epithelium: low columnar

Str. Compactum: diffuse mild vascular dilatation and haemorrhage sub-epithelial diffuse mild lymphoplasmacytic (LP) infiltrate;

Str. Spongiosum:

Stroma: diffuse mild LP infiltrate, scattered mild haemosiderin accumulation

Glands: good density; moderate branching, low columnar glandular epithelium; isolated foci mild gland dilatation with mild accumulation proteinaceous material

Blood vessels: nothing abnormal

Lymphatics: nothing abnormal

Diagnosis: diffuse mild subacute endometritis

Category: Grade IIA (50-70% chance of carrying a pregnancy to term)

CONCLUSION: The prognosis for is acceptable with respect to the uterine ability to carry a pregnancy to term.