

**Appendix 3: Biopsy report of mare 3 submitted from a Saudi Arabian Thoroughbred farm  
in 2014 and categorized as biopsy Grade IIB**

**History:** 15-year- old TB mare, uterine body old lesion probably foaling trauma with thickening & adhesions to body wall. Request prognosis future breeding

**Quality of section:** poor (epithelium stripped extensively)      **Length:** 2.0 cm

**Luminal contents:** nothing

**Luminal epithelium:** columnar, mild diffuse polymorphonuclear (PMN) infiltrate

**Str. Compactum:** diffuse mild to moderate lymphocytic infiltrate; scattered mild PMN infiltrate

**Str. Spongiosum:**

**Stroma:** diffuse mild lymphocytic infiltrate; diffuse mild oedema

**Glands:** poor density; branched, columnar epithelium; scattered mild periglandular fibrosis;  
diffuse mild to multifocally moderate gland dilatation; multifocal mild intra luminal exudate  
accumulation with PMN

**Blood vessels:** diffuse mild vascular congestion

**Lymphatics:** scattered mild dilatation

**Diagnosis:** mild acute to sub-acute endometritis with mild to moderate endometrosis

**Category:** **IIB** (30-50% chance of carrying a pregnancy to term)

**CONCLUSION:** Endometrial culture & antibiogram with effective treatment should resolve the mild endometritis. The major lesion is however at the glandular level with diffuse degenerative change, this (albeit of a mild degree) places the mare's prognosis to carry to term at probably 30- 50%.