A subcutaneous mass in a horse

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Signalment:
Horse, British Warmblood mare, 12 years old

History:
The horse was examined by 608 Equine and Farm Vets for the evaluation of a small cutaneous lesion in the back area, on the right side of midline, at the level of the saddle.

Clinical Findings:
Clinical examination revealed normal vital parameters and excellent body condition. The mass was soft, non-alopecic, nodular, well circumscribed, approximately 2-3cm in diameter (Fig 1A).

Diagnostic procedures:
In order to determine the extent of involvement of the underlying tissues, ultrasound was performed. Results showed that the mass appeared as a well-defined, oval lesion within the subcutaneous tissue (Fig 1B). It measured ~50x20mm and was hypoechoic with homogeneous echotexture; it also ventrally displaced the fascia without evidence of infiltration of the surrounding tissue.

Fine needle aspiration (FNA) of the mass was performed.
Results are shown below (Fig. 2 and 3).

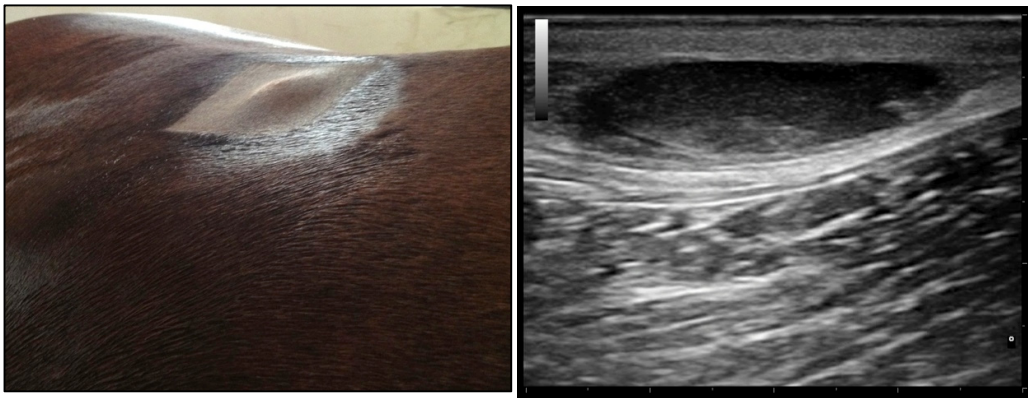

Fig. 1 (A,B). Macroscopic and ultrasonographic appearance of a subcutaneous dorsal mass in a horse.

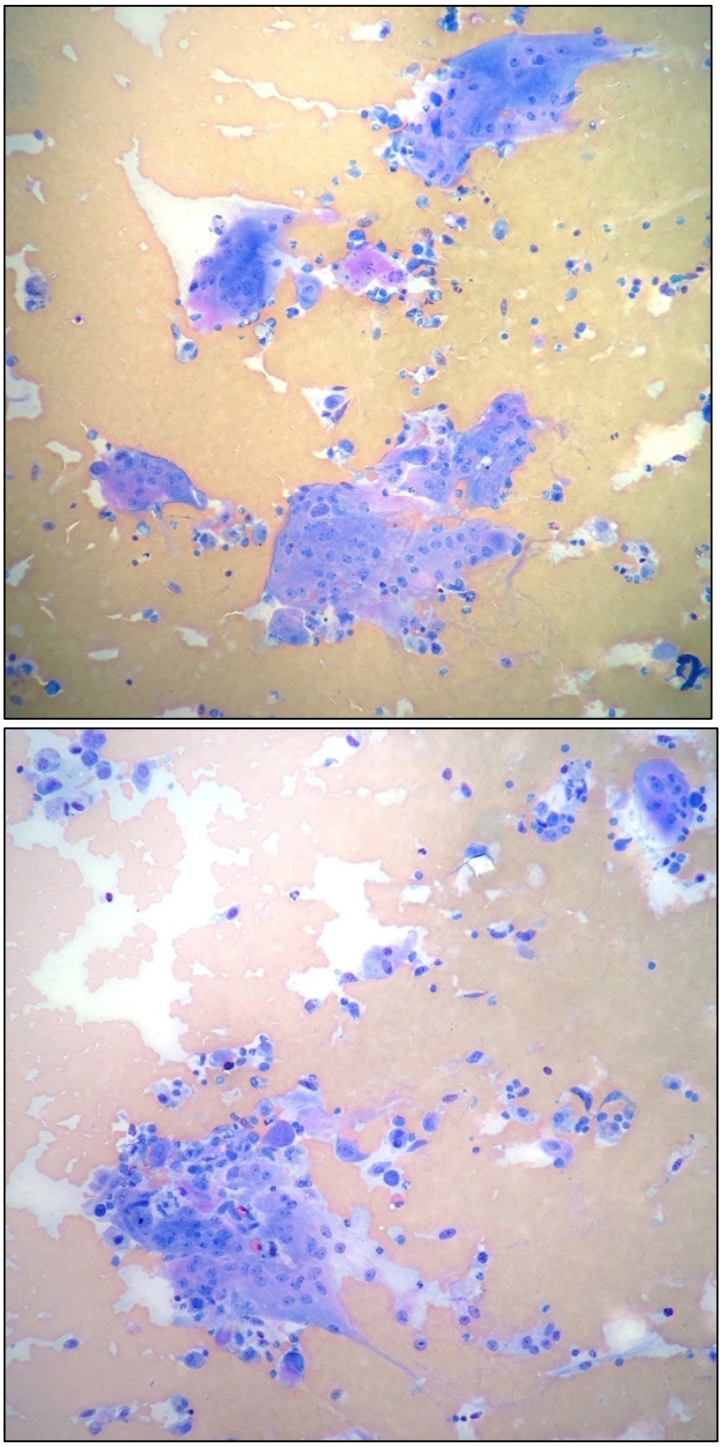

Fig. 2 (A B) Fine needle aspirate from a subcutaneous dorsal mass in a horse. May-Grunwald Giemsa stained, x20

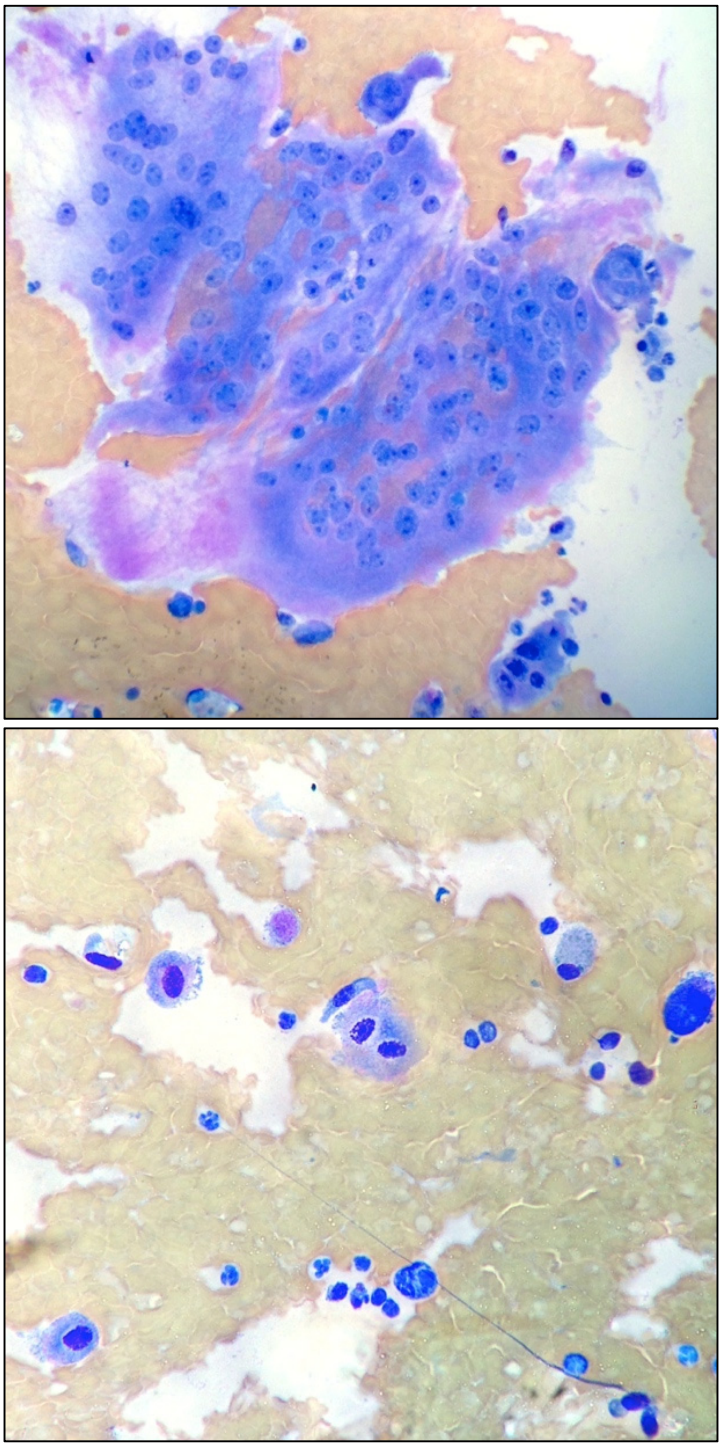

Fig. 3 (A, B) Fine needle aspirate from a subcutaneous dorsal mass in a horse. May-Grunwald Giemsa stained, x50

Questions:

1. What are your main differential diagnoses?
2. Which further tests would you suggest to confirm the diagnosis?