



Case number 123,

2Y MC Border Collie from dairy farm, second opinion.

1.1.2011

**Macroscopic findings:**

Case number 123 (6 sections, of haired skin on a glass slide numbered 123 and stained with H&E) were examined.

**Microscopic findings:**

There is a moderate epidermal and follicular hyperkeratosis and epidermal hyperplasia and a focal luminal folliculitis and perivascular, mixed cell dermatitis. In one section fungal hyphae and spores are present both on the hairshafts and within the infundibular keratin.

**Morphologic Diagnosis:**

Hyperkeratotic, hyperplastic, mixed, perivascular dermatitis with focal luminal folliculitis and dermatophytes.

**Comments:**

The pathology confirms a dermatophyte infection. A fungal culture is to be recommended and should be sampled using the McKenzie toothbrush technique. When submitting the culture it is important to alert the laboratory to the dairy farm history and to write "please culture for trichophyton verrucosum", as this has special culture requirements.

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