

## SKIN MASS IN A CAT

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**Specimen:** Cytological sample of a subcutaneous mass, May-Grünwald-Giemsa stain.

**Signalament:** A 4-years old, spayed female, domestic shorthaired cat.

**History and clinical findings:** the cat was presented to the referring veterinarian for slow growing, non painful, not ulcerated, 1 cm in diameter, subcutaneous mass on the dorso-lateral thoracic region (Fig. 1). The nodule developed in an area corresponding to an drug injection site made 35 days earlier. At clinical examination the cat was in a good body condition and results of CBC and serum biochemistry were unremarkable.

Cytology samples, obtained by fine needle aspiration biopsy (FNAB), were air dried and stained with Diff-Quick. The referring veterinarian interpreted the lesion as a cutaneous lymphoma but sent cytological stained and unstained slides for a consult to the cytopathology service of the Department of Animal Pathology, Hygiene and Public Health, University of Milan.

Slides were stained with May-Grünwald-Giemsa technique. Cytology is shown in Figures 2 and 3.



Fig: 1: Subcutaneous mass of a cat

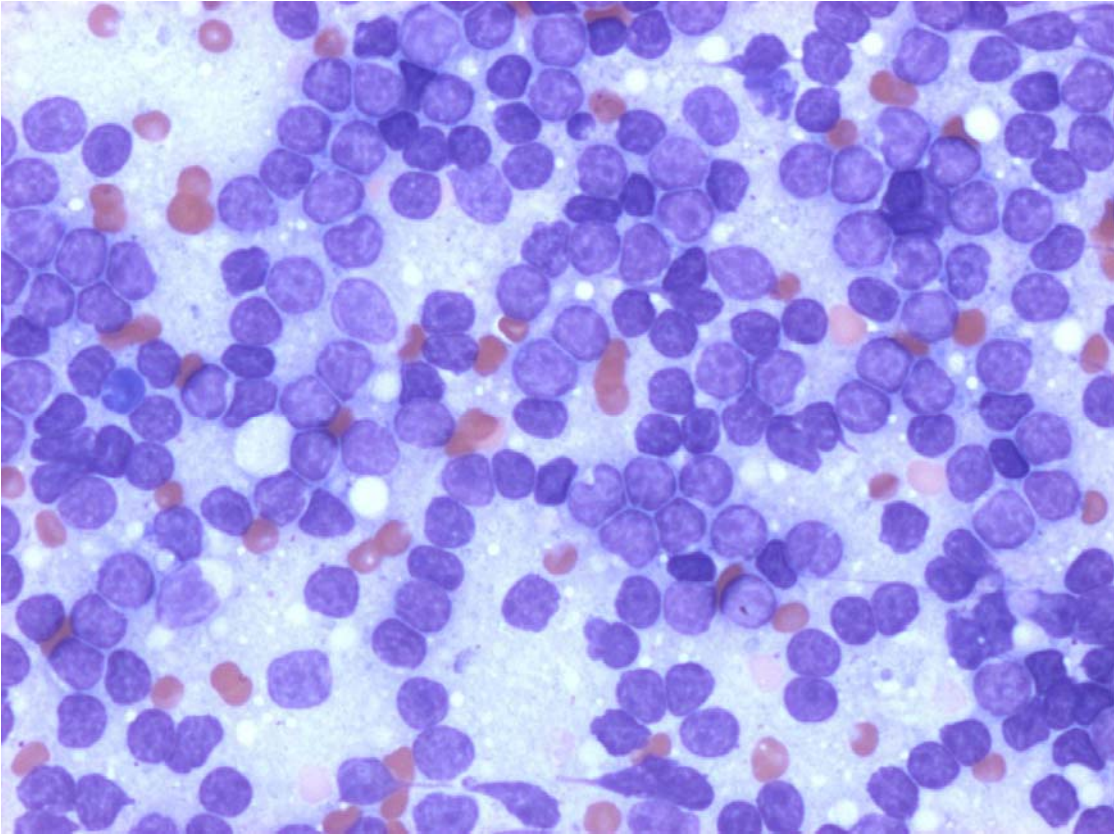


Fig 2: FNA of a dorso-lateral thoracic subcutaneous mass of a cat. May-Grünwald-Giemsa, 40x

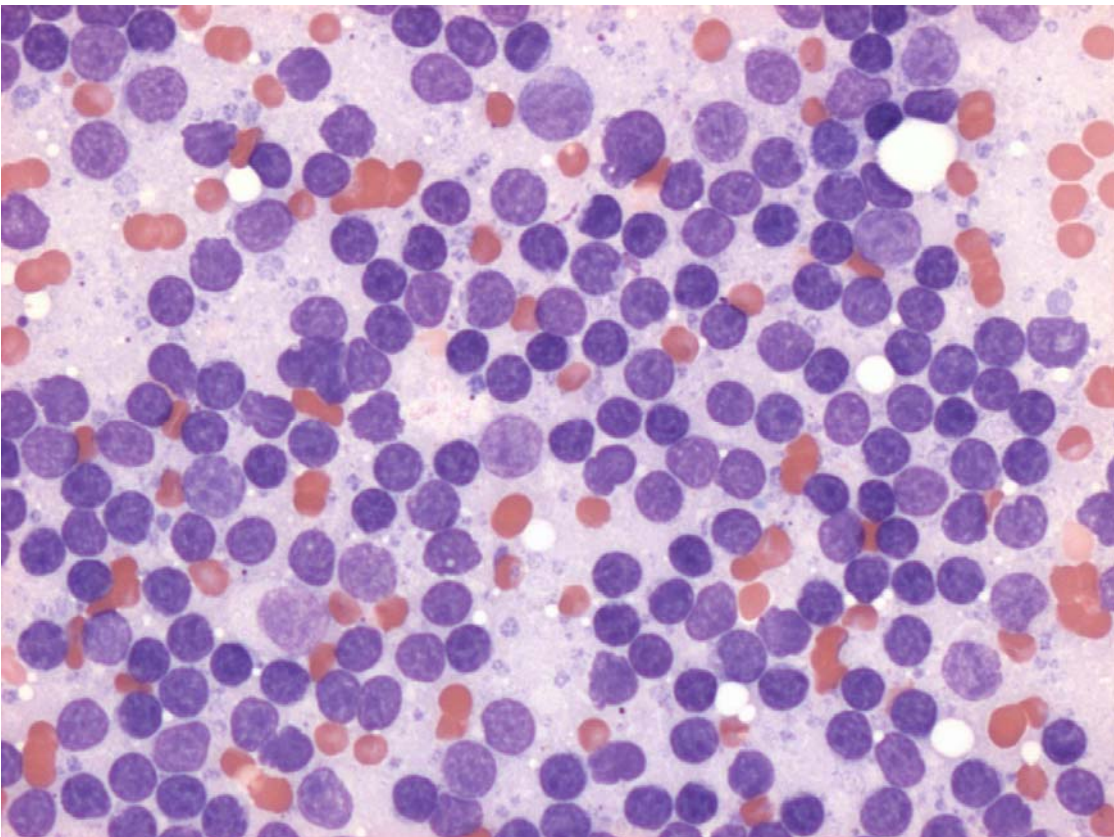


Figure 2: FNA of a dorso-lateral thoracic subcutaneous mass of a cat. May-Grünwald-Giemsa, 40x.

**Questions:**

1. What is your diagnosis? What are the differentials that you need to consider?
2. What further diagnostics would you recommend to confirm your diagnosis?