



PATIENT

Ivy 121899

SPECIES

Feline

BREED

Persian

SEX

Female

AGE

6 Years

WEIGHT

2.8

INTERPRETED BY

Dr. Lawrence McGill,
DVM,Ph.D.,Diplomate,
ACVP

IMAGING PERFORMED BY

Dr. Inam

HOSPITAL NAME

Pawsitive VC Dubai
Silicon Oasis

REFERRING VET

Dr. Inam

INVOICE

35704

DATE

4/23/26

PRESENTING CLINICAL SIGNS

History: The patient was presented with the complain of non-regenerative anemia and the HCT was 13. The patient is negative for FeLV. A shot of L-Asparaginase (chemotherapy agent) was administered which increased the HCT to 22 in three days. Bone marrow aspiration was done and submitted for interpretation to rule out leukemia.

CYTOLOGY SUBMISSION

Bone marrow collection.

OBSERVATIONS

Submitted are 46 images of minimal to moderate collections of cells from the bone marrow aspiration in Ivy. The cellularity, where present, is mixed with a slight red blood cell background. There are nucleated red blood cells interspersed with neutrophils and rare lymphocytes. There are aggregates of apparent macrophages or histiocytic cells in some collections. Smudged nuclear debris is identified in many of the images. The nucleated red blood cells that were identified appear to be undergoing regeneration in a normal pattern. The myeloid series appears to be within normal limits. There are no characteristics that would support malignancy in the collection.

INTERPRETATION OF FINDINGS & FURTHER RECOMMENDATIOINS

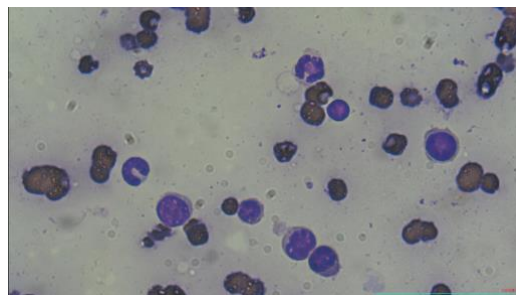
Bone marrow collection - Minimally cellular bone marrow collection with no evidence of malignancy.

COMMENTS

There are all series represented in this collection with no evidence of malignant characteristics. The myeloid and erythrocyte series where present appear to be undergoing normal regeneration but they are few in numbers. There are some fields that include histiocytic cells but the specific source for those cells or what they are responding to is not identified. The bone marrow collection does not support specific pathology in the submitted samples. A bone marrow core may be necessary to confirm what is occurring in Ivy. A guarded prognosis is warranted since the underlying cause for the anemia is not identified.

CYTOLOGY IMAGE

This is an image that demonstrates a mixture of nucleated cells collected from the bone marrow in Ivy. This image was collected to demonstrate the relatively normal appearance of various cell types in this bone marrow.





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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

Thank you for this referral. If the clinical or image interpretation does not parallel your findings or if I can be of any further assistance please contact me.

L.D. McGill, DVM, Ph.D., DACVP

8288 Top of the World Dr. Cottonwood Heights, UT 84121

Cell: 801-865-1220 Ldmcgill.vetpath@gmail.com