



DATE	PRESENTING CLINICAL SIGNS
5/16/22	Per the client, two years ago Dedro was vomiting chronically, but that was when the hyperthyroidism was diagnosed. Rx diet and management of the hyperT has since led to resolution of chronic vomiting. GI panel and recent blood work were performed as a screening tool in preparation for RI131 treatment.
INTERPRETED BY	Patient has exhibited mild and gradual weight loss, chronic over the last 2 years. AUS was scheduled as a screening tool prior to RI131 Chronic, intermittent URI and historical heart murmur.
L.D. McGill, DVM, Ph.D, DACVP	Patient has been doing well at home, per owner. Fasted for 12 hours. Received Gabapentin prior to arrival. Patient receives felimazole for chronic hyperthyroidism
PATIENT	PE: Iris atrophy and lenticular sclerosis OU. Missing most teeth. Pale pink mm's, slightly tacky. No heart murmur appreciated today, NSR. Generalized muscle atrophy/lean, BCS: 3/9. Generalized stiffness, and moderately sedate from Gabapentin.
Dedro Peyton	Blood work: 4/15/2022 CBC: -- NSF CHEM: -- Alb 2.2 g/dL (low) -- ALP <10 U/L (low) T4: 0.7 ug/dL (low) BP: WNL GI panel: --folate slightly increased (>24 ng/dL) Otherwise wnl UA: USG: 1.028 Mild hematuria (cysto), otherwise inactive sediment Full AUS report pending from SonoPath
SPECIES	
Feline	
BREED	
DSH	CYTOLOGY SUBMISSION Spleen
SEX	OBSERVATIONS
Male Neutered	Spleen: Submitted are 4 excellent videos of cells collected from the spleen in Dedro. The cellularity consists of large numbers of round cells interspersed with a few neutrophils and rare macrophages. The majority of the round cells appear to be lymphocytes. Some of the lymphocytes are small mature to intermediate lymphocytes but there are rather large numbers of large irregular atypical lymphoid cells with prominent nucleoli. These cells are prominent in aggregates in the high power images. Many of these irregular atypical lymphoid cells are much larger than neutrophils.
AGE	
15y	INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS Spleen - Suggestive of early intermediate to high grade lymphoma.
WEIGHT	COMMENTS
3.46kg	The cellularity in this collection suggests the likelihood of early lymphoma. It could be intermediate or high-grade. I am concerned about the large number of irregular atypical lymphoid cells. Lymphoma in the cat does not always completely efface the cellularity in the spleen or even in lymph nodes. This causes concern that this is an early lymphoma. Immunophenotyping of the cells on these slides may be beneficial in confirming the diagnosis. This may be required before further therapy for hyperthyroidism. A guarded to unfavorable prognosis is warranted.
HOSPITAL NAME	
Banfield Pet Hospital	
REFERRING VET	
Dr. Clay	
INVOICE NUMBER	
736	



DATE

5/16/22

INTERPRETED BY

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

PATIENT

Dedro Peyton

SPECIES

Feline

BREED

DSH

SEX

Male Neutered

AGE

15y

WEIGHT

3.46kg

HOSPITAL NAME

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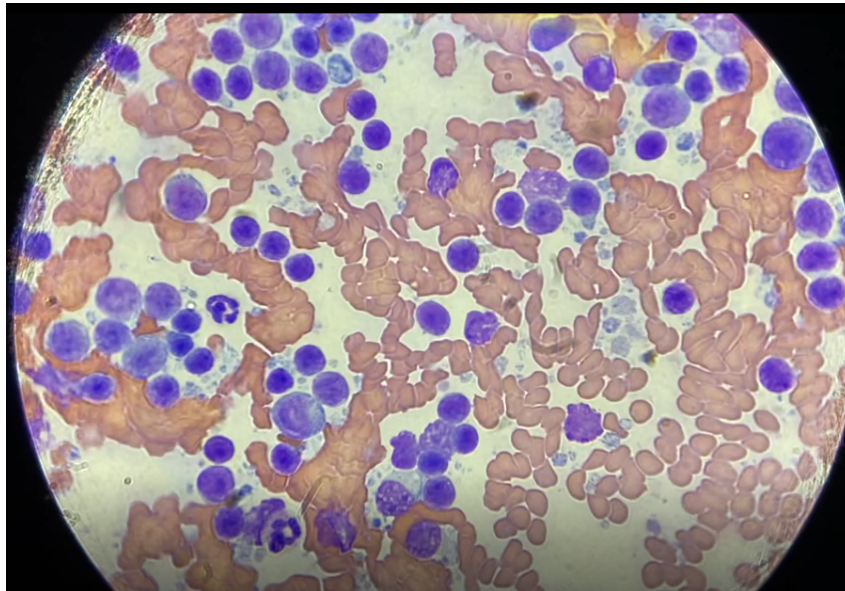


Image shows a representative collection of cells from the spleen in Dedro. Not the large lymphoid cells with prominent nucleoli. They are much larger than the neutrophils.

The information and recommendations provided are based on the images presented by the referring veterinarian. 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.

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