



DATE PRESENTING CLINICAL SIGNS

10/28/21

Was seen in July of 2021 w/ Hx of vomiting for 1 month. At that time lab work was normal and an abd. U/S read by Sonopath showed Reactive Mesenteric LN's and some Ropy Bowel. No FNA was done at that time.

INTERPRETED BY

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

Presented today w/ weight loss and poor appetite. Labs are normal w/ the exception of mild anemia. U/S of abdomen shows a cluster of enlarged mesenteric LN's w/ a distortion of the Length:Width Ratio. The liver looked diffusely denser and the spleen had mild capsular scalloping. The owner elected cytology of the spleen and Mes. LN's and declined Sonopath Consult on U/S.

PATIENT

Kit Kat Fulmer

CYTOLOGY SUBMISSION

Spleen; Lymph node

OBSERVATIONS

Spleen: Submitted are 5 excellent videos of cells collected from the spleen in Kit Kat. The cellularity is almost entirely round cell proliferation with quite large irregular cells and some small to intermediate lymphocytes. The irregular cells have prominent nuclei and many of them have irregular nucleoli. This cellularity is rather uniform through the splenic collection. They strongly support a proliferative process of lymphoid cells.

SPECIES

Feline

Lymph node: Submitted are 3 excellent videos of cells collected from the lymph node in Kit Kat. The lymph node cellularity consists of a mixed cellularity of lymphocytes, neutrophils and scattered plasma cells. Some of the lymphoid cells are irregular and similar to those in the spleen but the majority are small mature to reactive lymphoid cells. Degenerate debris is occurring in some of the fields. Macrophages are prominent.

BREED

DSH

SEX

Male Neutered

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Spleen - Consistent with high grade lymphoma in the cat.
Lymph node - Chronic suppurative lymphadenitis with reactive lymphoid tissue and some possible atypical lymphoid cells.

AGE

8y

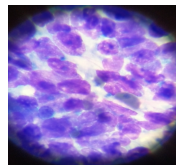
The cellularity in the spleen strongly supports a high-grade lymphoma. This could involve many other organs. Whether the lymph node is involved or not is difficult to confirm. With the intestinal tissue being somewhat abnormal, intestinal lymphoma does not always involve the associated lymph nodes. I have seen many cases where the intestine was involved but the associated lymph nodes were free and clear of lymphoma cells. Immunophenotyping of the cells in the spleen can be undertaken and may or may not be of prognostic significance. Immunophenotyping in the cat is not as beneficial as it is in the dog. Due to the cells in the spleen, an unfavorable prognosis is warranted in my opinion. Other tissues may be involved.

WEIGHT

10lbs

HOSPITAL NAME

Franklin Animal Clinic



REFERRING VET

Dr. Doverspike

Image shows a group of lymphoid cells with prominent nucleoli from the spleen in Kit Kat. There are many groups like this in this collection.

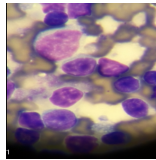
INVOICE NUMBER

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Image shows lymphoid cells collected from the lymph node in Kit Kat. Note the prominent nucleoli.

PATIENT

Kit Kat Fulmer

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.

SPECIES

Feline

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