



DATE **PRESENTING CLINICAL SIGNS**
12/6/22 Frequently vomiting for 1 week, weight loss
U/S - large 4.5cm hypoechoic mesenteric mass (possible mesenteric lymph node) hyperechoic mesentery.

INTERPRETED BY **CYTOLOGY SUBMISSION**
Liver; spleen; lymph node

L.D. McGill, DVM, **OBSERVATIONS**
Ph.D, DACVP
PATIENT Liver: Submitted are several excellent videos of cells collected from the liver in Noelani. The cellularity consists of excellent collections of hepatocytes with slight vacuolization. There are scattered inflammatory cells throughout these images. Malignant characteristics are not identified.
Spleen and lymph node: Submitted are several videos of cells collected from the spleen and lymph node with no specific identification of the source. Large numbers of lymphocytes are observed and they are small mature lymphocytes. There are scattered reactive lymphocytes. Several of the images have neutrophils and some have eosinophils. Malignant characteristics are not identified.

NOELANI NEWKIRK **INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**
SPECIES Liver - Hepatocellular vacuolization with mild suppurative inflammation
Spleen and lymph node - Reactive lymphoid tissue with chronic eosinophilic and suppurative inflammation
Feline

BREED **COMMENTS**
DSH The cellularity in the liver is a secondary change supporting information. This inflammation could be from any location in the abdominal cavity. The vacuolization could also be secondary to metabolic liver changes or secondary to problems in other organs such as the pancreas or intestine.
SEX The cellular changes in the spleen and lymph node support chronic inflammation possibly of an eosinophilic reaction. This may be the result of eosinophilic inflammation in the intestine or other types of problems including pancreatitis. The videos were not identified as to whether they were spleen or lymph node or liver, thus I was unable to differentiate the lymph node and spleen. Liver cellularity was identified. At this time the changes are most consistent with some type of inflammatory process including an eosinophilic inflammatory change. I was unable to identify changes of sepsis or malignancy.

Female Spayed **AGE**
10y **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.***

WEIGHT
9.4 lbs ***Due to Dr. McGill's location in the Tasmanian Ocean, he is unable to attach images to this report. Reports with attached pictures will resume as normal upon his return.**

HOSPITAL NAME 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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Dr. St.Sir

INVOICE NUMBER

844



DATE

12/6/22

INTERPRETED BY

L.D. McGill, DVM,

Ph.D, DACVP

PATIENT

Noelani Newkirk

SPECIES

Feline

BREED

DSH

SEX

Female Spayed

AGE

10y

WEIGHT

9.4 lbs

HOSPITAL NAME

Central Veterinary
Hospital

REFERRING VET

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