



## PATIENT

Omar Moshier

## SPECIES

Feline

## BREED

Domestic Shorthair

## SEX

Neutered male

## AGE

15 years

## WEIGHT

14.2 lbs

## INTERPRETED BY

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

## IMAGING PERFORMED BY

Erin LVT

## HOSPITAL NAME

Central VH

## REFERRING VET

Dr. Hardaker

## INVOICE

68498

## DATE

11/7/25

## PRESENTING CLINICAL SIGNS

History: Patient presented for weight loss, lethargy, and decreased appetite. Abdominal U/S showed enlarged mesenteric LNs, large rounded hyperechoic liver and abnormal intestinal layering. U/S guided FNA of mesenteric LNs and liver taken for pathology review.

## CYTOLOGY SUBMISSION

FNA of the liver and lymph nodes were submitted

## OBSERVATIONS

Liver: Submitted are 8 excellent videos of excellent collections of cells from the liver in Omar. The cellularity consists of good collections of hepatocytes with massive collections of lipid and vacuolated hepatocytes. There are scattered neutrophils and rare lymphocytes in the surrounding red blood cells. Lipid is prominent in the surrounding areas as well as within hepatocytes.

Lymph node: Submitted are 8 excellent videos and excellent collections of cells from the mesenteric lymph node in Omar. There are large numbers of lymphoid cells, the majority of which are small mature lymphocytes. Reactive lymphoid cells are scattered throughout. There are good numbers of eosinophils and neutrophils scattered throughout the collection as well as rare plasma cells. Malignant characteristics are not identified.

## INTERPRETATION OF FINDINGS & FURTHER RECOMMENDATIONS

Liver - Massive quantities of lipid consistent with feline fatty liver syndrome.  
Lymph node - Chronic eosinophilic lymphadenitis with reactive or stimulated lymph nodes.

## COMMENTS

The cellularity in the liver supports a rather severe lipidosis and characteristic changes of feline fatty liver syndrome. There is no suggestion of malignancy or sepsis in this collection. Some cases of feline fatty liver syndrome are the result of pancreatitis in a few cats. This could be secondary to other problems particularly since there is a marked eosinophilic inflammatory process in the lymph nodes.

The eosinophilic inflammatory reaction in the lymph nodes suggests the likelihood of inflammation leaking into the lymph node likely from the intestine. This would suggest the possibility of eosinophilic inflammatory bowel disease or some other diffuse eosinophilic reaction. There is no suggestion of malignancy in either of the collections from the liver or lymph node. A guarded prognosis is warranted since the eosinophilic infiltration could be secondary to eosinophilic inflammatory bowel disease or even pancreatitis.



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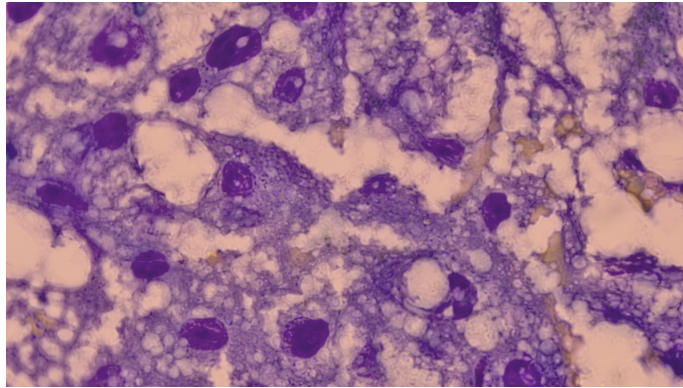
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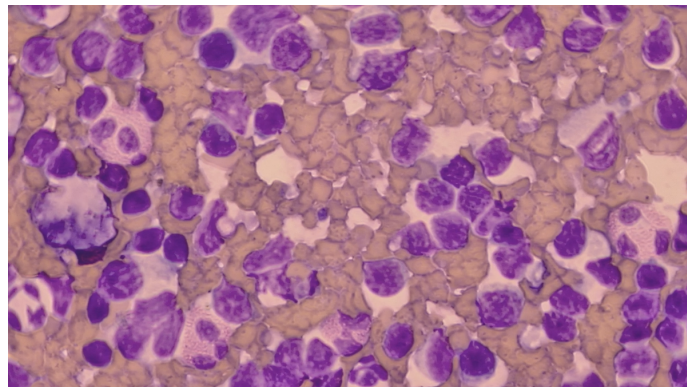
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## CYTOLOGY IMAGE



This is an image of hepatocytes collected from the liver in Omar. Note the marked irregular lipid vacuoles throughout this collection.



This is an image of cells collected from the mesenteric lymph node in Omar. Note the large numbers of small lymphocytes with good numbers of eosinophils scattered throughout and one neutrophil in this collection.

**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**



**PATIENT**

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Omar Moshier

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