

**PATIENT**

Chloe Nordmann

**SPECIES**

Canine

**BREED**

Yorkshire Terrier

**SEX**

Spayed female

**AGE**

15 years

**WEIGHT**

17 lbs

**INTERPRETED BY**

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

**IMAGING PERFORMED BY**

Shari Reffi

**HOSPITAL NAME**

Animal Care Center of  
 Flanders

**REFERRING VET**

Dr. Hallihan

**INVOICE**

71129

**DATE**

2/2/26

**PRESENTING CLINICAL SIGNS**

- Elevated liver enzymes- here for ultrasound guided liver aspirate. Has UTI symptoms. On previous
- ultrasound 12/19/25 pedunculated liver mass. Enalapril 5mg BID
- Abnormal PE/Chem/CBC/UA Results: ALT 458, AST 141, All Phos 2161, GGT 52, UPC 0.7, trace blood USG: 1.022 HCT 39%

**CYTOLOGY SUBMISSION**

FNA of the liver was submitted

**OBSERVATIONS**

Liver: Submitted are 5 very good videos of good collections of cells from the liver in Chloe. The hepatocytes demonstrate some uniformity with rather uniform nuclei throughout the collections. There are scattered inflammatory cells interspersed and surrounding the hepatocytes in the red blood cells. I saw one mast cell. This supports mild inflammation in the liver. Malignant characteristics were not confirmed.

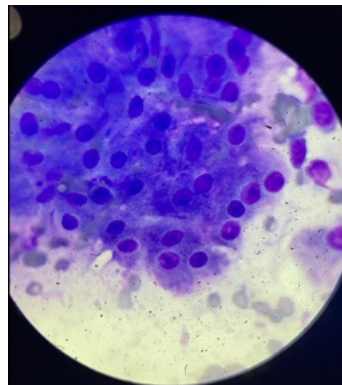
**INTERPRETATION OF FINDINGS & FURTHER RECOMMENDATIONS**

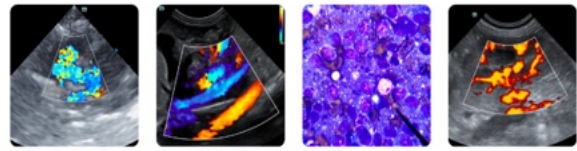
Liver - Hepatocellular collections suggesting nodular hyperplasia or a possible hepatocellular adenoma.

**COMMENTS**

The cellularity in the collection submitted is demonstrating characteristics of nodular hyperplasia or a possible hepatocellular adenoma. I did not identify changes that would confirm a carcinoma. There is no suggestion of other types of neoplasia either. There is hemorrhage and mild inflammation associated with these cells. Exploratory and excision of the mass will likely result in a favorable prognosis if this cellularity is representative. I even considered the possibility of an attached accessory liver lobe. In other words the cellularity has a benign pattern in this collection. Further evaluation and exploratory surgery will be required to confirm the underlying process. There may be other changes in the remaining liver tissue that were not observed in these collections.

**CYTOLOGY IMAGE**





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This is an image of hepatocytes that were collected from the liver nodule in Chloe. Note the uniformity of the nuclei and prominent cytoplasm although this could be a benign proliferative process as well.

**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](mailto:Ldmcgill.vetpath@gmail.com)