

**PATIENT**

Lucky Fitzgerald

**SPECIES**

Canine

**BREED**

Mix

**SEX**

Spayed female

**AGE**

14 years

**WEIGHT**

57.6 lbs

**INTERPRETED BY**

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

**IMAGING PERFORMED BY**

Vincent Ravancho

**HOSPITAL NAME**

MartinsvilleVH

**REFERRING VET**

Dr. Shendell

**INVOICE**

74763

**DATE**

3/16/26

**PRESENTING CLINICAL SIGNS**

History: new murmur 216 systolic, mild chronic non-regenerative anemia. Hepatopathy recheck, newly elevated ALT, increased ALP

Current Medications: Ursodiol, carprofen, proin, denamarin, nexguard, heartguard plus

**CYTOLOGY SUBMISSION**

FNA of the liver was submitted

**OBSERVATIONS**

Liver: Submitted are 5 very good videos of moderate to excellent collections of cells from the liver in Lucky. There is a background of red blood cells throughout the collection. Hepatocytes are readily identified in several videos. The hepatocytes demonstrate slight vacuolization with minimal nuclear alteration. There is mild anisocytosis of the hepatocytes but no other primary change to support malignancy. Scattered neutrophils and very few other inflammatory cells are identified in the surrounding red blood cells.

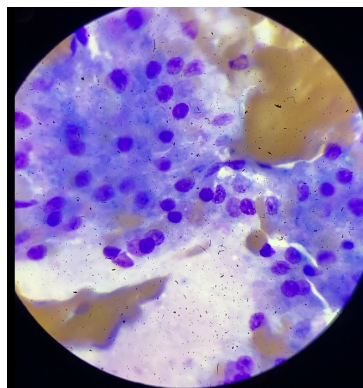
**INTERPRETATION OF FINDINGS & FURTHER RECOMMENDATIONS**

Liver - Consistent with nodular hyperplasia with mild chronic suppurative hepatitis.

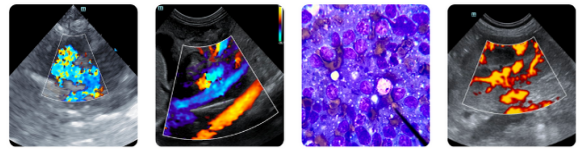
**COMMENTS**

The changes in this collection suggest nodular hyperplasia with no suggestion of malignancy. There is some suggestion of inflammation in the surrounding red blood cells. The neutrophil response could be the result of inflammation draining from the intestine or possibly pancreas or even a systemic inflammatory process. With multiple sites in the liver and with this cellularity, nodular hyperplasia appears to be the most likely diagnosis. A guarded prognosis is warranted since these are likely secondary changes in this liver tissue as a result of other disease processes in other locations.

**CYTOLOGY IMAGE**



This image demonstrates a group of hepatocytes collected from the liver in Lucky. Note the minimal anisocytosis and slide aggregation of the hepatocytes which could be consistent with nodular hyperplasia.



**PATIENT**

Lucky Fitzgerald

**SPECIES**

Canine

**BREED**

Mix

**SEX**

Spayed female

**AGE**

14 years

**WEIGHT**

57.6 lbs

**INTERPRETED BY**

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

**IMAGING  
PERFORMED BY**

Vincent Ravancho

**HOSPITAL NAME**

MartinsvilleVH

**REFERRING VET**

Dr. Shendell

**INVOICE**

74763

**DATE**

3/16/26

**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)