



**DATE PRESENTING CLINICAL SIGNS**

12/31/21 Liver mass FNA  
labs- ALKP 2081, ALT 171

**INTERPRETED BY CYTOLOGY SUBMISSION**

Liver

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

**OBSERVATIONS**

Liver: Submitted are 6 excellent videos of cells collected from the liver in Tilly. The cellularity includes minimal numbers of hepatocytes interspersed with large numbers of erythrocytes and inflammatory cells. The hepatocytes demonstrate moderate to marked vacuolization with mild anisocytosis and anisokaryosis. These are present in the few aggregates of hepatocytes identified. Malignant criteria is minimal.

**PATIENT**

Tilly Mendez-Luck

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Liver - Moderate to marked hepatocellular vacuolization with slight hepatocellular irregularity.

**SPECIES**

Canine

**COMMENTS**

The cellularity in this collection includes minimal numbers of hepatocytes in focal aggregates. There are large numbers of erythrocytes interspersed with inflammatory cells but this is a secondary aspiration process. I am unable to identify malignant characteristics in the hepatocytes but they could easily be part of nodular hyperplasia or a low-grade hepatocellular proliferation such as a hepatocellular adenoma. The hepatocellular vacuolization could be secondary and not specific. If problems continue, then a repeat collection and exploratory evaluation of this mass is encouraged. At this time I am more concerned about nodular hyperplasia or possible hepatocellular adenoma than carcinoma but that condition cannot be ruled out since there are minimal aggregates of hepatocytes in the videos. A guarded prognosis is warranted until the mass can be identified, probably by biopsy.

**BREED**

Chiweenie

**SEX**

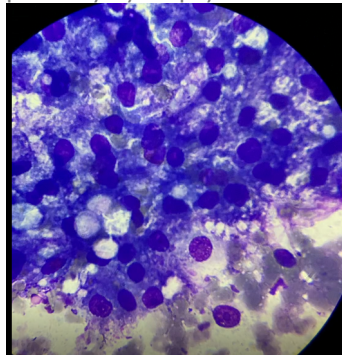
Female Spayed

**AGE**

10y

**WEIGHT**

19.75 lbs



**HOSPITAL NAME**

Liberty Animal Hospital

Image shows a group of hepatocytes with vacuolization collected from Tilly. There is slight anisocytosis and anisokaryosis in these hepatocytes.

**REFERRING VET**

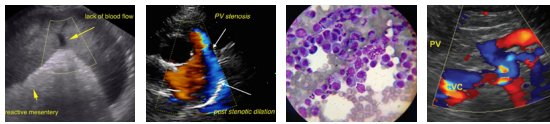
Dr. Paoletti

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.

**INVOICE NUMBER**

652



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

12/31/21  
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**INTERPRETED BY**

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

**PATIENT**

Tilly Mendez-Luck

**SPECIES**

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