



## PATIENT

Griffin Grant

## SPECIES

Canine

## BREED

Chihuahua

## SEX

Neutered male

## AGE

12 years

## WEIGHT

20.6 lbs

## INTERPRETED BY

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

## IMAGING PERFORMED BY

Karen Ebersole DVM,  
DABVP (canine &  
feline)

## HOSPITAL NAME

Scanvet

## REFERRING VET

Dr. Strickland

## INVOICE

77808

## DATE

5/20/26

## PRESENTING CLINICAL SIGNS

History of increasing LE, recently more severely. New onset seizures. Previous LDDSTs have been not consistent with Cushing's disease. FNA liver.

PE: BCS 7/9, thinning haircoat on trunk esp. ventrally. 11-2025 - ALP 2,189, ALT 189. AUS (today) - severe hepatomegaly with diffuse hyperechoic parenchyma. Mild hypoechoic nodular changes (non-disruptive). Mature GB mucocele. Apical urinary bladder - small mineralizing, highly vascular mass. Upper end of normal adrenal measurements bilaterally.

## CYTOLOGY SUBMISSION

FNA of the liver was submitted

## OBSERVATIONS

Liver: Submitted are 7 excellent videos of moderate to excellent collections of hepatocytes from the liver in Griffin. The hepatocytes demonstrate slight granularity and vacuolization. There are scattered inflammatory cells in the surrounding red blood cells. These cells are mixed including neutrophils and lymphocytes. Malignant characteristics are not identified in any of the collections.

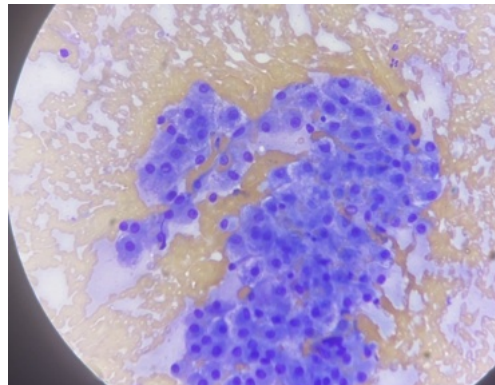
## INTERPRETATION OF FINDINGS & FURTHER RECOMMENDATIONS

Liver - Mild hepatocellular vacuolization with mild chronic inflammation of a nonspecific nature in the liver in Griffin.

## COMMENTS

The cellularity in this collection is not specific for any primary process in the liver or any secondary change. There is no suggestion of malignancy or sepsis. The hepatocellular elements suggest vacuolization and granularity which can be secondary to membrane weakness and leakage. The inflammation is not specific. I suspect that the changes in this liver are secondary changes and not primary. They may be the result of membrane weakness and leakage of the hepatocellular membranes. If problems continue and more concerns are expressed, then a follow-up liver biopsy may be necessary but I suspect that the changes in this liver are secondary and not primary. A guarded prognosis is warranted until the primary changes can be identified which could be in other organs such as the pancreas or intestine.

## CYTOLOGY IMAGE



This image demonstrates a group of hepatocytes with hepatocellular vacuolization and granularity. This is a collection from the liver in Griffin. There is no suggestion of inflammation or neoplasia in the surrounding red blood cells.



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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

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