

## PATIENT

Lupin Mead

## SPECIES

Feline

## BREED

Domestic Longhair

## SEX

Neutered male

## AGE

11 years

## WEIGHT

11.1 lbs

## INTERPRETED BY

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

## IMAGING PERFORMED BY

Dr. Karen Ebersole  
DVM, DABVP

## HOSPITAL NAME

Scanvet

## REFERRING VET

Dr. Fortin

## INVOICE

69954

## DATE

1/7/26

## PRESENTING CLINICAL SIGNS

History: Palpable abdominal mass, irregular. Projectile vomiting. Cytospin of fluid from irregular hepatic cysts.

AUS - variably sized (0.5 cm to 10 cm) cystic structures in the liver and extending caudally to the apical bladder. Cysts occupy the majority of the abdominal cavity with small amount of normal hepatic parenchyma. Stomach appears displaced caudally and compressed on both sides by cystic structures. Enlarged and nodular pancreas. Small volume peritoneal effusion. USG drainage of 80 mL brown-red fluid from a caudal cyst. USG drainage of 40mL straw colored fluid from a cyst cranial to the stomach.

## CYTOLOGY SUBMISSION

FNA of the liver cysts were submitted

## OBSERVATIONS

Liver cysts: Submitted are 7 excellent videos of moderate to excellent collections of nucleated cells from the liver cysts in Lupin. There is a background of red blood cells but the majority of the cells are round with foamy to granulated cytoplasm. These cells are irregular macrophages with rare other inflammatory cells. Malignant characteristics are not identified. Many of the macrophages contain granular hemosiderin supporting chronic hemorrhage.

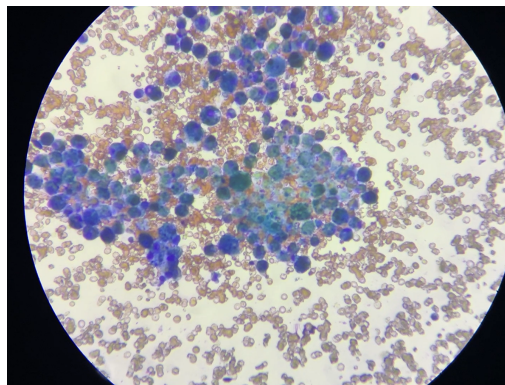
## INTERPRETATION OF FINDINGS & FURTHER RECOMMENDATIONS

Liver cysts - Hemorrhagic and granulomatous inflammation with no suggestion of malignancy.

## COMMENTS

These liver cysts demonstrate areas of hemorrhage and with hemosiderin in the cytoplasm of the macrophages, this suggests chronic hemorrhage. There is no suggestion of malignancy or sepsis. Very likely these are irregular benign cystic structures with secondary hemorrhage as a result of vascular compromise. These cysts could be derived from cystic biliary structures or some type of vascular alteration within the liver. All of the changes appear to be benign in the cellular collection submitted. A guarded prognosis is warranted since these cysts are apparently causing some type of clinical abnormality.

## CYTOLOGY IMAGE



This is an image of macrophages containing hemosiderin and a background of red blood cells collected from the cystic structures in the liver in Lupin.



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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

8288 Top of the World Dr. Cottonwood Heights, UT 84121

Cell: 801-865-1220 [Ldmcgill.vetpath@gmail.com](mailto:Ldmcgill.vetpath@gmail.com)