



PATIENT

Ponyo Kelly

SPECIES

Feline

BREED

DLH

SEX

Spayed Female

AGE

~15 Years

WEIGHT

8.8 lbs

INTERPRETED BY

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

IMAGING PERFORMED BY

Erin, LVT

HOSPITAL NAME

Central Veterinary
Hospital

REFERRING VET

Dr. Anna St. Sir

INVOICE

72632

DATE

1/30/26

PRESENTING CLINICAL SIGNS

Vomiting on and off for several months. Abdominal u/s showed 2 liver nodules. 1st nodule - at hilus, is cystic and hyperechoic. 2nd nodule - left liver lobe, cystic and anechoic. U/S guided FNA taken of 1st nodule @ hilus for pathology review.

CYTOLOGY SUBMISSION

Liver.

OBSERVATIONS

Submitted are 4 excellent videos of moderate to excellent collections of cells from the liver in Ponyo. There are excellent collections of hepatocytes in many of the fields with the hepatocytes demonstrating vacuolization in the cytoplasm. Some vacuoles are quite large. Lipid and protein are present. Other cellularity is minimal. There could be nodular hyperplasia but it is minimal in this collection.

INTERPRETATION OF FINDINGS & FURTHER RECOMMENDATIONS

Hepatocellular vacuolization suggesting lipidosis with possible mild nodular hyperplasia.

COMMENTS

The cellularity suggests hepatocellular vacuolization and possible nodular hyperplasia. There is no suggestion of neoplasia in this collection. The cellularity in these collections is essentially all hepatocytes. I am unable to identify changes that would support infiltrative disease such as lymphoma. These are metabolic changes that could be secondary to problems in the intestine or pancreas. Pancreatitis can cause this type of vacuolization in hepatocytes. These changes are secondary and not primary. Further evaluation to confirm an underlying process is encouraged but at least malignancy is not identified in this collection. A guarded prognosis is warranted due to the fact that we do not know the underlying process.

CYTOLOGY IMAGE

Below is an image of hepatocytes demonstrating back to the station of the cytoplasm and probable lipidosis in the sample collected from Ponyo.



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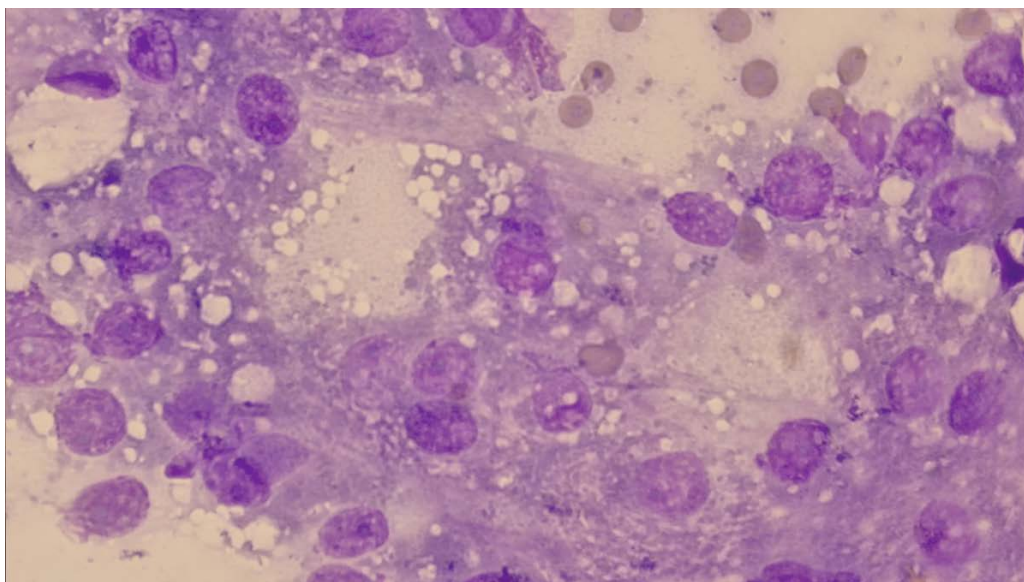
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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