



PATIENT

Bengali Nicklaw

SPECIES

Feline

BREED

Domestic Shorthair

SEX

Neutered male

AGE

13 years

WEIGHT

12.5 lbs

INTERPRETED BY

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

IMAGING PERFORMED BY

Erin LVT

HOSPITAL NAME

Rotterdam VH

REFERRING VET

Dr. Anna St Sir

INVOICE

73796

DATE

3/25/26

PRESENTING CLINICAL SIGNS

- Abdominal U/S showed liver was normal size with sharp edges, smooth echoic structure but there is a single anechoic cystic structure (0.8 cm diameter) surrounded by hyperechoic area. FNA taken for path review
- Pancreas had large (1.4 x 1.2 cm) irregular hypoechoic mass in left limb, left limb is slightly enlarged - FNA taken for path review
- Abnormal PE/Chem/CBC/UA Results: spec fPL 24.0

CYTOLOGY SUBMISSION

FNA of the liver and pancreas were submitted

OBSERVATIONS

Liver: Submitted are 12 excellent images of very good to excellent collections of cells from the liver in Bengali. The hepatocytes demonstrate slightly granulated cytoplasm and multifocal vacuolization of the cytoplasm. The nuclear characteristics are rather uniform. Malignant characteristics are not identified. There is no suggestion of infiltration of neoplastic cells. There are few inflammatory cells present. Pancreas: Submitted are 8 excellent images of very good to excellent collections of cells from the pancreas in Bengali. The cellularity consists of aggregates of pancreatic acinar cells in irregular patterns. There is no suggestion of neoplasia in the collection but there is evidence of hyperplasia in the pancreatic cells. Other types of infiltrative disease are not identified.

INTERPRETATION OF FINDINGS & FURTHER RECOMMENDATIONS

Liver - Consistent with hepatocellular nodular hyperplasia and slight hepatocellular vacuolization.
Pancreas - Suggestive of nodular hyperplasia.

COMMENTS

The changes in the liver are secondary changes supporting metabolic liver disease which could be secondary to many different conditions. There is no suggestion of malignancy in this collection but there is a suggestion of inflammation and metabolic change. Early hepatocellular vacuolization appears to be part of the process. Again these changes are secondary.

The changes in the pancreas suggest nodular hyperplasia. There could be some process of pancreatitis in the adjacent tissue but there is no suggestion of neoplasia. Other significant cellular changes such as infiltrative disease cannot be identified. There is no suggestion of malignancy although it cannot be completely ruled out. Exploratory and biopsy will be necessary to confirm.



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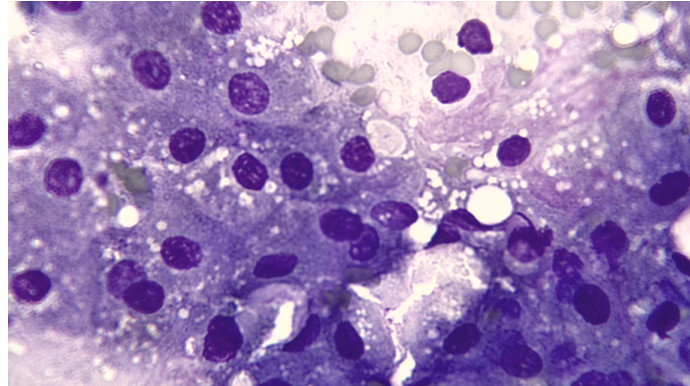
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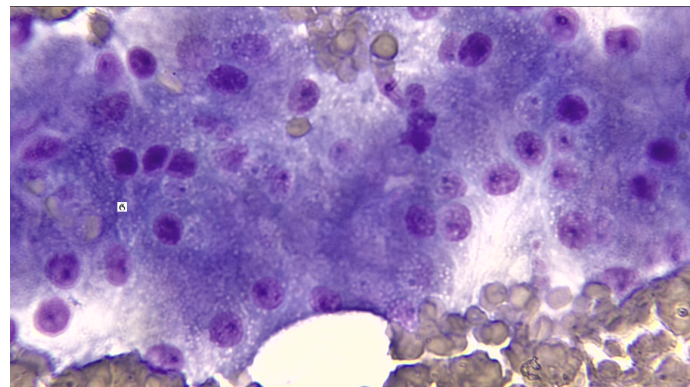
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CYTOLOGY IMAGE



This is an image of hepatocytes with vacuolization and changes that could suggest nodular hyperplasia in the liver aspirate collected from Bengali.



This is an image of cells collected from the pancreatic nodule suggesting nodular hyperplasia in this collection from Bengali. This is not characteristic of malignancy.

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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