



PATIENT

Mooshie King

SPECIES

Feline

BREED

Domestic Shorthair

SEX

Spayed female

AGE

14 years

WEIGHT

9.4 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

68347

DATE

11/5/25

PRESENTING CLINICAL SIGNS

Presented for abdominal U/S due to infrequent vomiting and elevated fPL on labs. Abd. U/S - showed nodular pancreas, isoechoic and anechoic. U/S guided FNA of pancreas taken for pathology review.

CYTOLOGY SUBMISSION

FNA of the pancreas was submitted

OBSERVATIONS

Pancreas: Submitted are 12 very good images of irregular collections of cells from the pancreas in Mooshie. The cellularity in many of the images consists of chronic inflammation with large numbers of macrophages that have a foamy vacuolated and granular cytoplasm. In several of the images there are increased numbers of cells that appear to be clumped and aggregated and suggest an epithelial or possible neuroendocrine pattern. These cells are not present in adequate numbers to make a specific diagnosis but they are very suspicious of some type of proliferative process.

INTERPRETATION OF FINDINGS & FURTHER RECOMMENDATIONS

Pancreas - Pyogranulomatous inflammation with occasional aggregates of cells suggesting possible neoplasia.

COMMENTS

The cellularity in many of the images suggests chronic pancreatitis with pyogranulomatous inflammation. There are aggregates of cells that suggest the possibility of neoplasia including the possibility of a neuroendocrine tumor or pancreatic acinar proliferation. There could be an islet cell carcinoma with secondary pancreatitis or even a pancreatic acinar carcinoma with secondary pancreatitis. The number of images that have apparent neoplastic cells are few in this collection and thus I am unable to confirm the diagnosis. Exploratory and biopsy may be necessary but there is definitely some evidence of chronic inflammation in the case as well. Treatment for inflammation may be beneficial but biopsies will likely be required to confirm the underlying process particularly with neoplasia suspected with this collection. A guarded to unfavorable prognosis is warranted until biopsies can be taken to rule out the potential of neoplasia.



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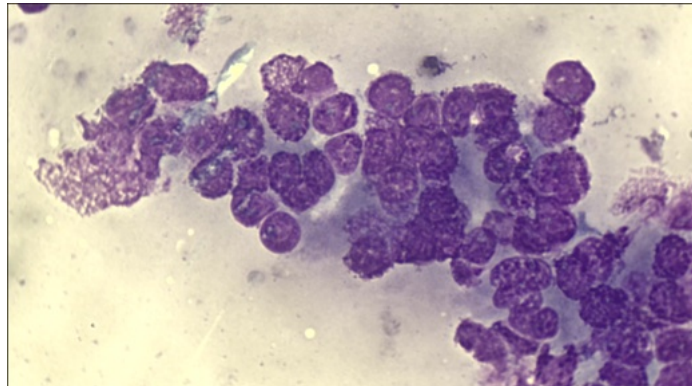
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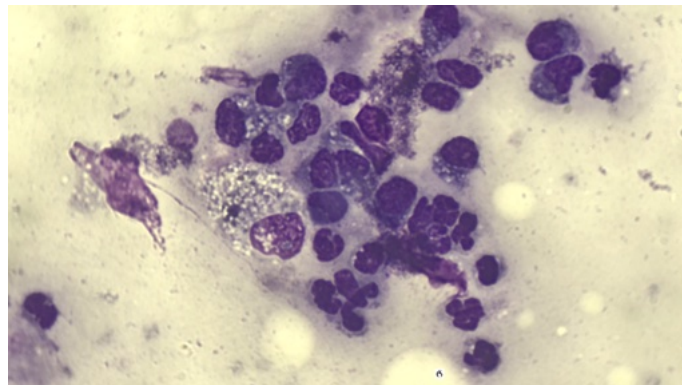
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CYTOLOGY IMAGE



This is an image of cells that are suspicious of neoplasia in this collection from Mooshie. Note the aggregation of the cells with limited cytoplasm in this collection. They do not have the appearance of lymphoid cells.



This is an image of cells collected from the pancreas in Mooshie. Note the mixture of cells with macrophages, neutrophils and possible lymphocytes.

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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