



DATE PRESENTING CLINICAL SIGNS

4/5/23

Diagnosed as diabetic in 2020. Was doing well until end of 2022 when control was lost. Appetite is big and is losing weight. FNA of pronounced largely homogeneous nodular changes in R pancreas.

INTERPRETED BY

L.D. McGill, DVM,
Ph.D, DACVP

PE: BCS 1-2/9 with muscle wasting, potbelly, thin truncal haircoat and thin, dry skin.
AUS: pronounced nodular changes in the region of the pancreas, R adrenal gland enlargement, diabetic hepatopathy, nephropathy with interstitial nephrosis.

PATIENT CYTOLOGY SUBMISSION

Reynard Wadleigh

FNA of Pancreas

SPECIES OBSERVATIONS

Feline

Pancreas: Submitted are 12 excellent videos of excellent collections of cells from the pancreas in Reynard. The cellularity through many of the fields is mixed. This includes neutrophils, macrophages and lymphocytes. There are several fields of clumped aggregates of cells. These cells have rounded nuclei with minimal cytoplasm. They are clumped and irregular. Some of the cells are vacuolated.

BREED

DSH

Occasionally groups of cells have cytoplasm but most of these groups of cells are mainly nuclei with minimal amounts of cytoplasm. These cells are intermixed with the mixed cell inflammatory process.

SEX

MN

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Pancreas - Packets of cells consistent with neuroendocrine tumor such as an islet cell carcinoma interspersed with pyogranulomatous inflammation.

AGE

12years

COMMENTS

The cellularity in many of the fields is entirely inflammatory in nature but there are many other packets of cells that support a neoplastic process. This cellularity strongly supports a neuroendocrine tumor which the most common in the pancreas is an islet cell carcinoma. With pancreatitis and the islet cell carcinoma, regulating diabetes would be very difficult. Degeneration and inflammation are secondary. The cat could also be Cushingoid with some of the clinical signs you have described. In the canine, one of the common findings is a voracious appetite. But in the case of a diabetic situation in Reynard, a voracious appetite may be present as well. Any liver changes are likely secondary. A guarded to unfavorable prognosis is warranted with the cellularity described at this time.

WEIGHT

9.5 lbs

HOSPITAL NAME

Scanvet

REFERRING VET

Dr. Fortin

INVOICE NUMBER

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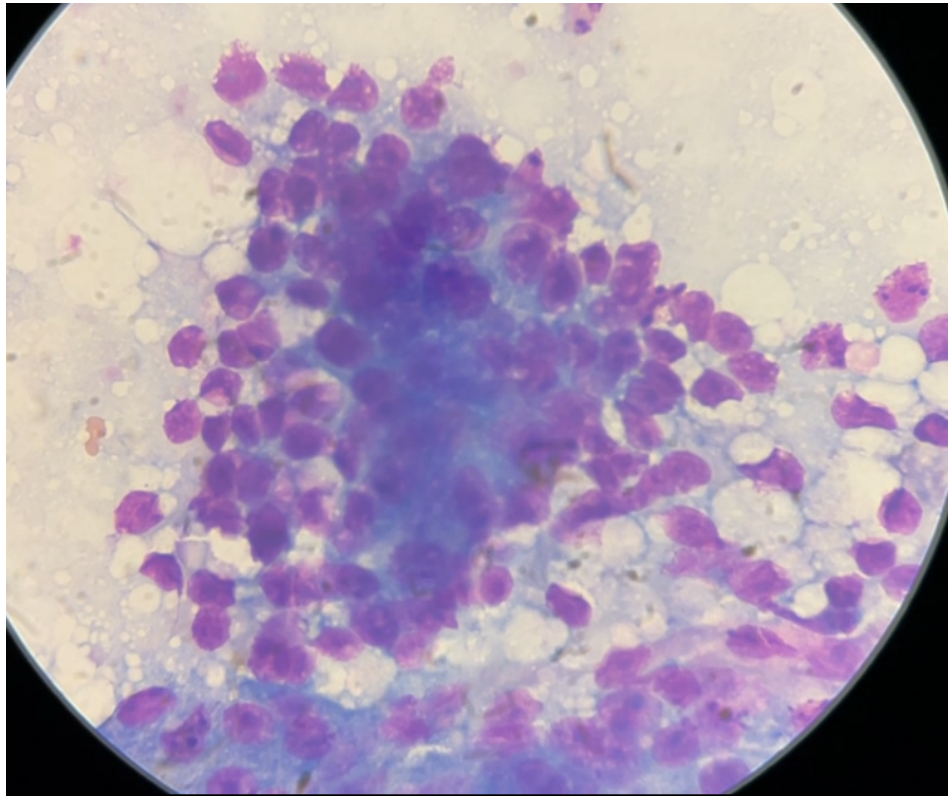
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The image shows a group of cells with neuroendocrine appearance collected from the pancreas in Reynard. Note the minimal cytoplasm and aggregation of the cells.



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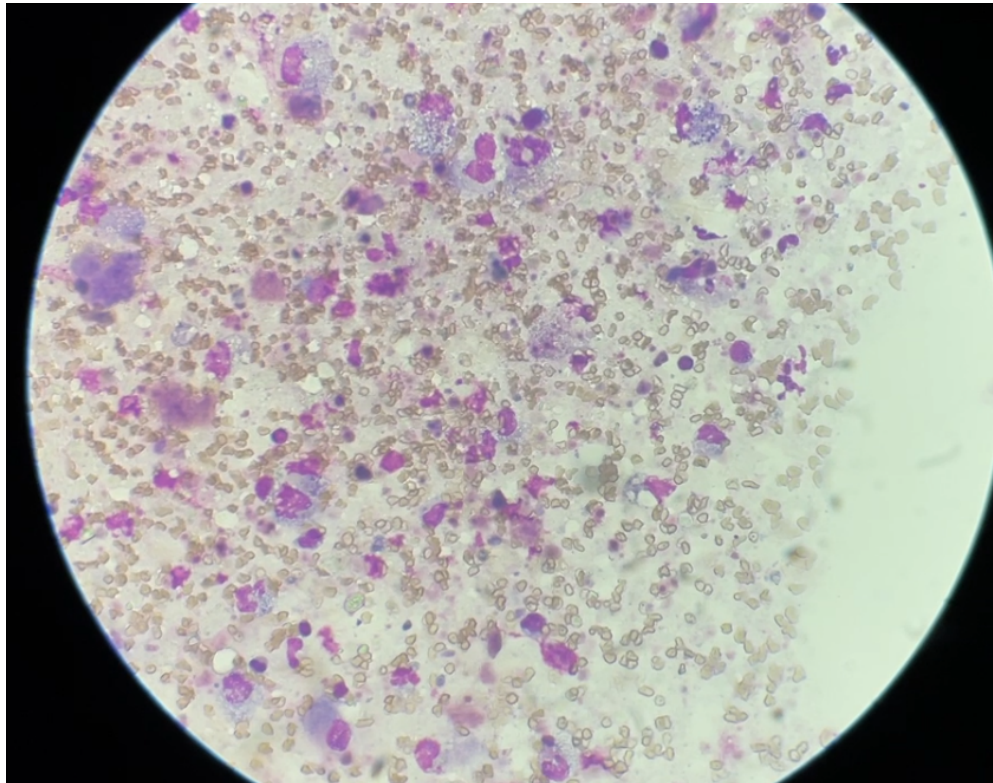


Image shows the inflammation with mixed cells collected from the pancreas in Reynard. The large cells are macrophages.

AGE

12years

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

WEIGHT

9.5 lbs

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.

HOSPITAL NAME

Scanvet

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