



DATE PRESENTING CLINICAL SIGNS

1/4/23

Patient presented 12/31/22 anorexia, polydipsia, pyrexia of 105F, hematochezia. Bloodwork shows mild anemia, panleukopenia, increased ALT and bili. Grade 3/6 left systolic heart murmur. Ultrasound 1/4/23 shows pancreatic mass. Patient was sedated for ultrasound guided FNA.

INTERPRETED BY

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

CYTOLOGY SUBMISSION

FNA of Pancreas

PATIENT

Chase Makowski

OBSERVATIONS

Pancreas: Submitted are 4 excellent videos and two images of cells collected from the pancreatic mass in Chase. The aggregate cellularity consists of large numbers of epithelial cells that have the appearance of pancreatic acinar cells. There is granular material in the cytoplasm supporting acinar secretions. Anisocytosis and anisokaryosis are prominent. Mitotic figures were observed. Many of the fields only have red blood cells. With the packets of cells that are collected, epithelial proliferation appears to be the underlying process.

SPECIES

Canine

BREED

ChihuahuaX

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Pancreas - Consistent with pancreatic acinar carcinoma with very mild inflammation.

SEX

Male Neutered

COMMENTS

The cellularity is characteristic of pancreatic acinar tissue in the clumps of cells that were collected. These cells have malignant characteristics in these smears. Even a mitotic figure was identified. The piling up of cells and the anisocytosis and anisokaryosis strongly support carcinoma at this location. Excision of the mass can be attempted but an unfavorable prognosis is expected in my opinion.

AGE

9y

WEIGHT

30.9#

HOSPITAL NAME

Rotterdam Veterinary
Hospital

REFERRING VET

Dr. Anna St.Sir

INVOICE NUMBER

40629



DATE

1/4/23

INTERPRETED BY

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

PATIENT

Chase Makowski

SPECIES

Canine

BREED

ChihuahuaX

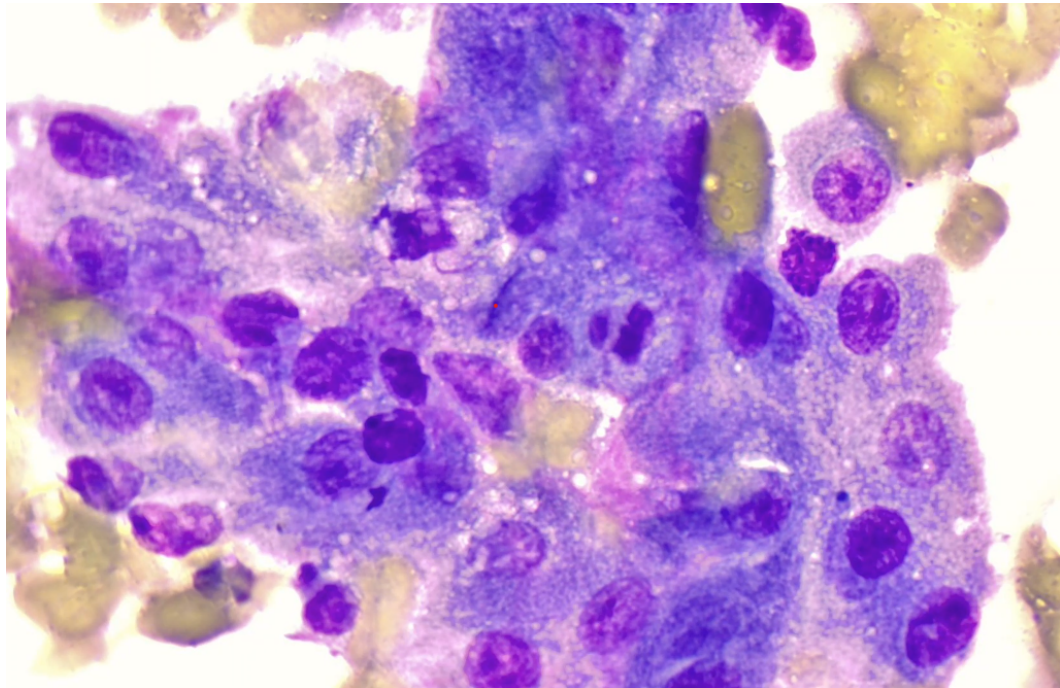


Image shows cells collected in one of the aggregates from the pancreas in Chase. There is a mitotic figure in the center and note the prominent anisokaryosis.

SEX

Male Neutered

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.

AGE

9y

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.

WEIGHT

30.9#

L.D. McGill, DVM, Ph.D., DACVP
8288 Top of the World Drive
Cottonwood Heights, UT 84121
ldmcgill.vetpath@gmail.com
cell: 801-865-1220

HOSPITAL NAME

Rotterdam Veterinary
Hospital

REFERRING VET

Dr. Anna St.Sir

INVOICE NUMBER

40629