



DATE PRESENTING CLINICAL SIGNS

1/6/22 Owner noticed recent decrease in appetite
WBC 20,000 w/ neutrophilia and monocytosis
Globulins: 4.8
ALT: 288
ALP: 480

INTERPRETED BY

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

U/S pending from Sonopath but area of pancreas appears irregular w/ associated inflammation. Spleen has a micronodular appearance.

CYTOLOGY SUBMISSION

Pancreas; spleen

PATIENT

Booger Drewnowski

OBSERVATIONS

Pancreas: Submitted are 12 excellent videos of excellent collections of cells from a mass in the pancreatic region in Booger. The majority of the cells are packets of epithelial cells with granular cytoplasm. The cells demonstrate anisocytosis and anisokaryosis. Many of the nuclei have irregular nucleoli including multiple nucleoli. There are areas in the growth that include eosinophilic material suggesting secretory material and areas of vacuolization of the cells which again suggest secretory function. These cells suggest the likelihood of pancreatic acinar cells.

SPECIES

Canine

Spleen: Submitted are 3 excellent videos of excellent collections of cells from the spleen in Booger. The cellularity is mixed with many neutrophils interspersed with nucleated RBCs and lymphocytes.

BREED

Lab

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Pancreas - Consistent with pancreatic acinar carcinoma

SEX

Male Neutered

Spleen - Chronic suppurative splenitis with extra medullary hematopoiesis and possible lymphoid hyperplasia.

COMMENTS

AGE

9y

The cellularity in the collection from the pancreas strongly suggests pancreatic acinar carcinoma. The cells are extremely pleomorphic and the nuclei are irregular and atypical. Nucleoli are quite prominent. These are excellent collections from this type of mass. Exploratory and excision may prolong life but very likely this prolongation will not be extensive. An unfavorable prognosis is expected with this type of neoplastic process.

WEIGHT

95 lbs

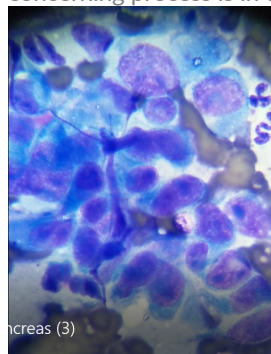
The changes in the spleen are secondary to inflammation which is probably caused by the neoplastic process in the pancreas. I was unable to identify any evidence of neoplasia in the spleen but there is certainly chronic inflammation and extra medullary hematopoiesis. In my opinion, the major concerning process is in the pancreas.

HOSPITAL NAME

Franklin Animal Clinic

REFERRING VET

Dr. Doverspike



INVOICE NUMBER

654

Image shows the irregular epithelial cells with anisocytosis and anisokaryosis and prominent nucleoli collected from Booger. There appear to be multiple nucleoli in several cells.



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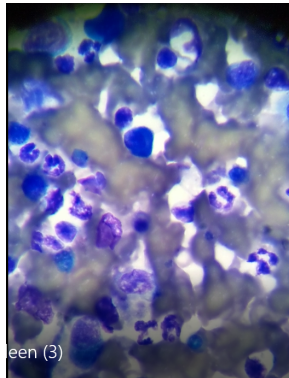


Image shows the mixed cells collected from the spleen in Booger. Note the neutrophils, nucleated RBCs and small lymphocytes.

SPECIES

Canine

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.

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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.

SEX

Male Neutered

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