



**DATE PRESENTING CLINICAL SIGNS**

1/24/22 Severe pancreatitis case, submitted study yesterday  
Leukopenia WBC 2.5K with neutropenia (0.06K); chems pretty normal;  
The abdominal fluid was a lot more plentiful yesterday but it was largely resolved today

**INTERPRETED BY**

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

**CYTOLOGY SUBMISSION**

FNA of Pancreas & Abdominal fluid

**PATIENT**

Beat Fenton

**OBSERVATIONS**

Abdominal fluid: Submitted are 2 excellent videos of fluid collected from the abdominal cavity in Beat. The fluid consists of degenerate debris and saponified adipose tissue with multiple small globs of fat tissue. Interspersed are inflammatory cells that include mainly neutrophils with rare lymphocytes.

**SPECIES** Malignant characteristics are not suggested.

**FELINE** Pancreas: Submitted are 5 excellent videos of cells collected from the pancreas. These cells are aggregated and packeted with evidence of anisokaryosis and anisocytosis. The cytoplasm is minimal in many of the cells. There are scattered cells with nucleoli. The cellularity is suggestive of proliferative tissue. The cells have round cell patterns but are slightly difficult to confirm with these videos.

**BREED**

DLH

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

**SEX** Abdominal fluid - Saponified and degenerate fat tissue with scattered inflammatory cells.  
Pancreas - Suggestive of proliferative tissue such as lymphoma or possibly islet cell carcinoma.

Male Neutered

**AGE COMMENTS**

4year The saponified fat suggests the likelihood of pancreatitis with severe degeneration of the surrounding fat tissue. There is no suggestion of malignancy in the collection but there is inflammation. This is likely the result of release of pancreatic enzymes into the abdominal cavity either locally or diffusely.

**WEIGHT** The cellularity in the pancreatic aspirate strongly suggests the possibility of some type of proliferative process. There are several areas that suggest the possibility of lymphoma and other areas that suggest the possibility of neoplastic pancreatic tissue such as islet tissue. Continued evaluation of the area will be required. This may require additional aspiration or exploratory and biopsy of the area. Hopefully some of the clinical chemistry and hematology may be of benefit. A guarded prognosis is definitely warranted in Beat.

**HOSPITAL NAME**

Animal Emergency Care

**REFERRING VET**

Dr. Becky Callihan  
DVM/AEC

**INVOICE NUMBER**

70452



**DATE**

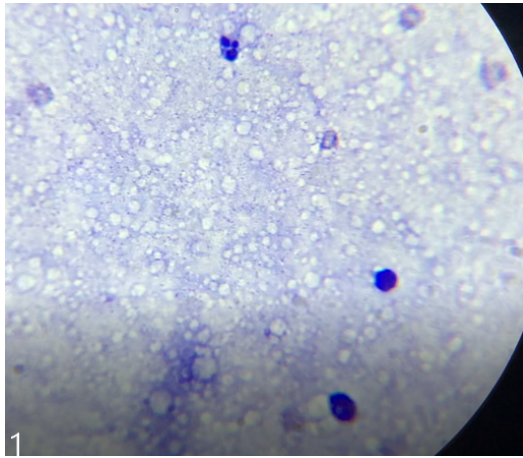
1/24/22

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**PATIENT**

Beat Fenton



**SPECIES**

FELINE

**BREED**

DLH

**SEX**

Male Neutered

**AGE**

4year

**WEIGHT**

6.3kg

Image of the abdominal fluid collected from Beat. There are irregular globs of degenerate fat tissue with scattered inflammatory cells.

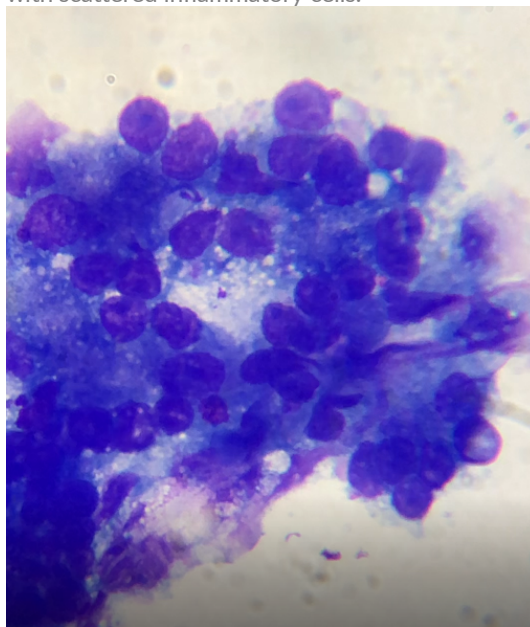


Image shows a group of cells collected from the pancreas in Beat. Note the indistinct cell borders and the anisokaryosis in the cells.

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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.

**REFERRING VET**

Dr. Becky Callihan  
DVM/AEC

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.

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**PATIENT**

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