



PATIENT

Willow Morosoff

SPECIES

Feline

BREED

Domestic Shorthair

SEX

Spayed female

AGE

12 years

WEIGHT

12.2 lbs

INTERPRETED BY

Dr. Lawrence McGill,
DVM, Ph.D., Diplomate,
ACVP

IMAGING PERFORMED BY

Nick Pizzemento

HOSPITAL NAME

Central VH

REFERRING VET

Dr. Hennings

INVOICE

77988

DATE

5/26/26

PRESENTING CLINICAL SIGNS

History: Decreased appetite for 1 week with lethargy and occasional vomiting. Ob physical examination, the patient had generalized decreased muscle mass but a distended abdomen. No heart murmur was assessed but she was extremely dehydrated. Ultrasound showed marked free fluid in all 4 quadrants with decreased differentiation of the kidneys and a nodular pancreas. 200ml of serosanguinous fluid was drained from the abdomen. Chest radiographs are pending radiology review but possibly show an enlarged sternal lymph node.

CYTOLOGY SUBMISSION

FNA of the abdominal fluid was submitted

OBSERVATIONS

Abdominal fluid: Submitted are 6 excellent videos of the cellularity collected from the abdominal fluid in Willow. The cellularity is mixed. There is a background of red blood cells with massive numbers of macrophages and mesothelial cells. These cells have vacuolated cytoplasm for the most part and many of the cells contain lipid. There are scattered neutrophils and lymphocytes throughout the fields. Focal degenerate or necrotic cells are observed. Malignant characteristics are not identified.

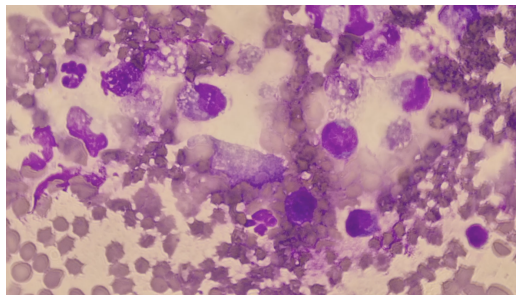
INTERPRETATION OF FINDINGS & FURTHER RECOMMENDATIONS

Abdominal fluid - Massive mesothelial cell proliferation (hyperplasia) with vacuolization suggesting saponification of fat and fluid buildup with minimal inflammation.

COMMENTS

The cellularity supports an inflammatory fluid buildup in the abdominal cavity. As you well know whenever this type of fluid is identified in the cat, FIP is at the top of the list but not with the cellularity in this case. FIP is possible but the most likely cause for this type of change is release of enzymes from the pancreas from pancreatitis or some type of cardiovascular buildup along with pancreatitis. The fluid is likely chronic and the cells are collecting the fluid and fat tissue in the cytoplasm. The inflammatory process is less than I would expect for FIP. A guarded prognosis is warranted since the underlying cause for this process is not confirmed but there are several potential possibilities with pancreatitis or cardiovascular disease on the list.

CYTOLOGY IMAGE



This is an image of cells collected from the abdominal fluid in Willow. Note the vacuolization and some of the vacuoles are large suggesting lipid. Lymphocytes and neutrophils are also present.



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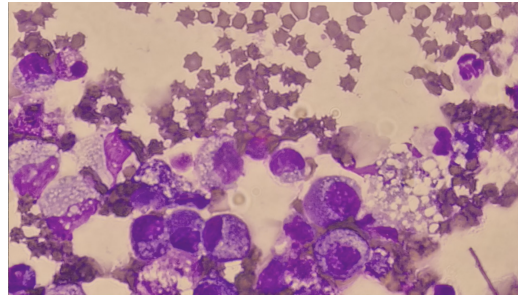
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This is another image of vacuolated mesothelial cells or macrophages with some lipid in several and fluid accumulation in others in this abdominal fluid from Willow.

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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