

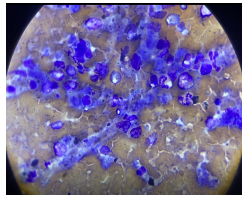


DATE	PRESENTING CLINICAL SIGNS
10/13/21	NHepatopathy, abnormal bile acid results Hx of ALT elevation, seen at ER ~ 2 weeks ago (records not available). Uncertain of the nature of the visit. Current Medication: Denamarin
INTERPRETED BY	Physical Exam: Lenticular sclerosis OU, mild dental disease, thin fur and skin, occasional fibropapillomae.
L.D. McGill, DVM, Ph.D, DACVP	Blood work: 10/3/21: Bile acids pre-prandial: 10.6 (0-14.9), Bile acids post-prandial 38.4 (0-29.9) 9/29/21: ALT 600 (10-125)-- Recheck values after ER visit 10/29/20: ALT 216 (10-125) 10/1/20: ALT 158 (10-125) 10/22/19: ALT 185 (10-125)
PATIENT	10/12/21: PT/PTT: wnl BP: 150/112 (125) mmHg
Millie Dennis	Abdominal US (report pending at SonoPath) 4 cm x 4 cm rounded, mixed echogenic Left adrenal gland mass/tumor. No significant vascular invasion. Obtained US-guided FNA of liver and spleen to evaluate for metastasis, as client is interested in pursuing adrenalectomy.
SPECIES	
Canine	CYTOLOGY SUBMISSION Liver; Spleen
BREED	OBSERVATIONS
Pit Bull	Liver: Submitted are 4 excellent videos of hemodiluted collections of cells from the liver in Millie. There is a paucity of hepatocytes in the videos but they are present. There are scattered inflammatory cells associated with the red blood cells. There are aggregates of platelets and clot material. There may be some connective tissue stroma but it is minimal. There are no changes that would support malignant characteristics or specific inflammation.
SEX	
Female Spayed	Spleen: Submitted are 4 excellent videos of moderate to excellent collections of cells from the spleen in Millie. The cellularity is mixed with neutrophils in many locations and prominent nucleated RBCs. There are some aggregates of cells that appear to be macrophages associated with a mixture of nucleated RBCs, lymphocytes and neutrophils. There are no changes in any of these cells to support neoplasia or sepsis.
AGE	
13y	
WEIGHT	INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS
21.9 kg	Liver - Mild hepatocellular irregularity and vacuolization with no evidence of neoplasia or inflammation. Spleen - Mixed cell collection consistent with inflammation and hematopoiesis and possible fibrohistiocytic nodules.
HOSPITAL NAME	COMMENTS
Banfield Pet Hospital	The changes in these collections do not support metastatic carcinoma. Changes in the liver are minimally cellular, causing concern about the possibility of fibrosis or nonspecific changes in the liver. There could be mild inflammation but the number of cells are minimal. The hepatocellular changes are likely secondary.
REFERRING VET	The changes in the spleen suggest fibrohistiocytic nodules, hematopoiesis and other nonspecific processes. I did not identify any evidence of neoplasia in that organ and there certainly is no suggestion of carcinoma. At this time I suspect that these organs are responding secondarily to other problems and not a primary process with no evidence of metastatic disease in these collections. Excision of the tumor should go forward.
Dr. Mayfield	
INVOICE NUMBER	
611	



DATE

10/13/21



INTERPRETED BY

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

Image shows a small group of hepatocytes with a neutrophil. Note the few cells and the slight granularity of the hepatocyte cytoplasm in the cells collected from Millie.

PATIENT

Millie Dennis

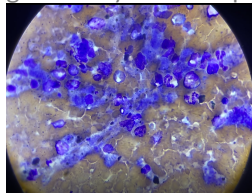


Image of cells collected from the spleen in Millie. There is a mixed collection with scattered macrophages.

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.

BREED

Pit Bull

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

Female Spayed

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

AGE

13y

WEIGHT

21.9 kg

HOSPITAL NAME

Banfield Pet Hospital

REFERRING VET

Dr. Mayfield

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