



DATE PRESENTING CLINICAL SIGNS

7/27/23

Worsening lethargy, not eating, slow to get up. Acting very "tired" per owners. Echo done a year ago was normal, non-cardiogenic cough. May be having trouble swallowing.

PE: QAR, lateral recumbent unless startled into moving. Very thin, dry, flaky skin. hyperkeratotic pads all 4 feet.

INTERPRETED BY

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

AUS: mature GB mucocele with inflammation around the base, no free fluid presently, pain on probe pressure subxiphoid. Liver has honeycomb pattern with varying echogenicity nodules and possible fibrosing pattern.

CBC: WNL; ALP 476, ALT 490, T bili 0.4, Alb 2.9.

CYTOLOGY SUBMISSION

PATIENT

Liver

Jazzy Dyke

OBSERVATIONS

Liver: Submitted are 7 excellent videos of minimal to moderate collections of cells from the liver in Jazzy. The hepatocytes are very prominent in many of the fields. In other locations there are large numbers of red blood cells with scattered inflammatory cells but they are few in numbers. The hepatocytes demonstrate slight granularity of the cytoplasm and occasional vacuolization and lipid. There are scattered sites of bile retention. There are scattered cells that suggest spindle cells with collagen. Malignant characteristics are not identified.

SPECIES

Canine

BREED

Shetland Sheepdog

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Liver - Hepatocellular vacuolization and granularity with evidence of biliary obstruction and mild inflammation.

COMMENTS

SEX

Female Spayed

The cellularity in this collection supports good collections of hepatocytes with evidence of metabolic liver changes. These appear to be due to vacuolar hepatopathy or in some cases lipidosis. This could be secondary to many different conditions including pancreatitis or enteritis or irregular hepatic fibrosis. There are some cells that suggest the possibility of fibrosis occurring in this tissue. I was unable to identify any evidence of malignancy or any other infiltrative changes. Biliary obstruction appears to be a part of the process. Whether elimination of the gallbladder will be of benefit, I cannot confirm. A guarded prognosis is warranted since an underlying process is not confirmed with this cellularity but there certainly is evidence of chronic irritation and fibrosis in the liver.

AGE

10y

WEIGHT

29 lbs

HOSPITAL NAME

Scanvet

REFERRING VET

Dr. Perkins

INVOICE NUMBER

983



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PATIENT

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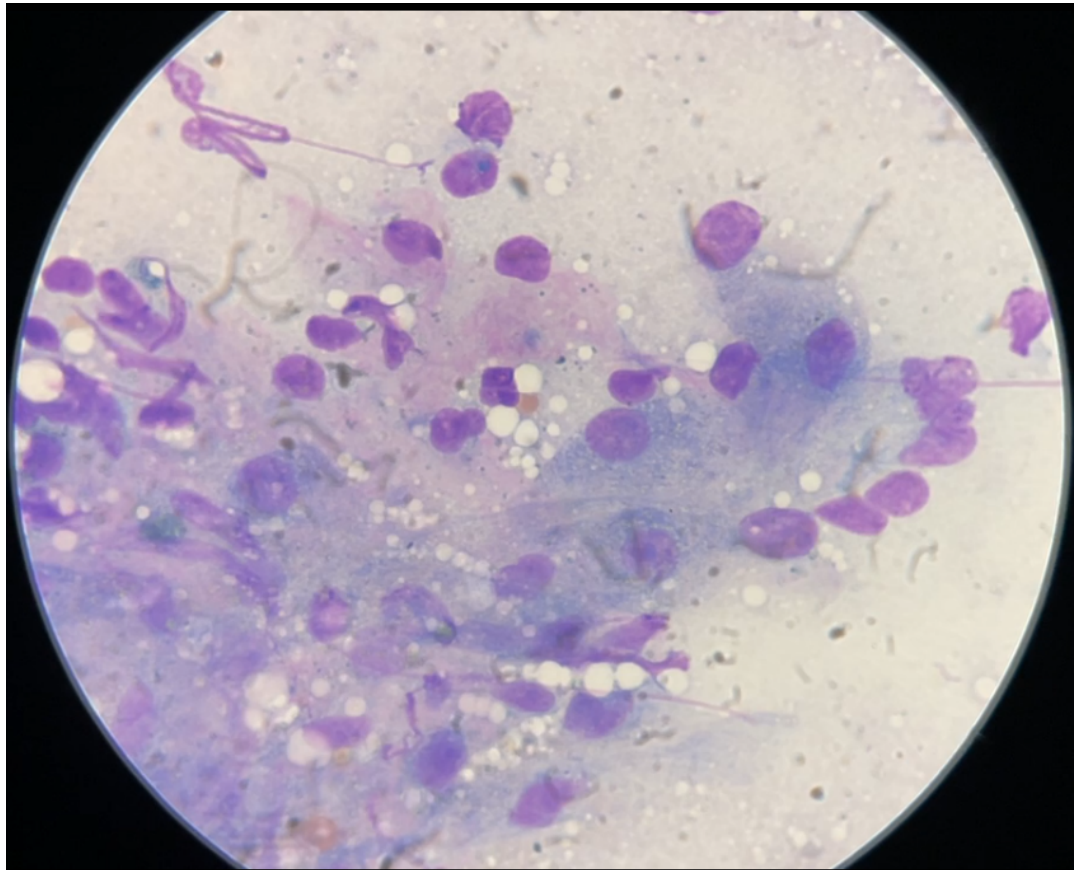


Image shows a group of hepatocytes with some pigment in the cytoplasm and a suggestion of biliary retention in the collection from the liver in Jazzy. There is evidence of fibrosis in the tissue. Nodular hyperplasia is possible but not confirmed. Exploratory will be required to confirm the underlying process. Note the vacuolization in many cells.

AGE

10y

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.

WEIGHT

29 lbs

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.

HOSPITAL NAME

Scanvet

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