



DATE PRESENTING CLINICAL SIGNS

3/20/22

The dog was presented with renal failure about 3 weeks ago and ALT of 243 and moderate hypercalcemia. She was treated for the CKD and she became brighter and started eating. She also had high ALKP. Hyperadrenocorticism and hypoadrenocorticism have been ruled out by doing urine cortisol to creatinine ratio and ACTH stimulation test respectively. US of the abdomen was done to rule out neoplasia and check the liver. The liver was normal and no neoplasia was identified. Placed the dog on samlin for 10 days. ALKP became normal but the ALT is still 311. Today, I did the US-guided FNA of the liver and submitted the slide. She is clinically healthy and BAR and eating well

INTERPRETED BY

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

PATIENT CYTOLOGY SUBMISSION
Liver

Bella Elma

OBSERVATIONS

Liver: Submitted are 11 images of cells collected from the liver in Bella. Large numbers of RBCs are present in the background interspersed with inflammatory cells that are mainly neutrophils. There are small aggregates of hepatocytes in several fields. The hepatocytes demonstrate slight granularity and vacuolization. Changes of malignancy or sepsis are not identified.

SPECIES

Canine

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Liver - Mild hepatocellular vacuolization and granularity with moderate suppurative inflammation.

BREED

Daschund

COMMENTS

The changes in these images support inflammation draining to the liver and secondary hepatocellular changes of vacuolization and granularity. There is no suggestion of malignancy or sepsis. The inflammation could be draining from pancreatitis or enteritis or could even be primary liver disease. Leptospirosis can cause this type of inflammation. Treatment for inflammation and infection is encouraged. If further diagnostics are required, then exploratory evaluation and follow-up hepatic biopsies may be beneficial.

SEX

Female

AGE

13y

WEIGHT

6.6

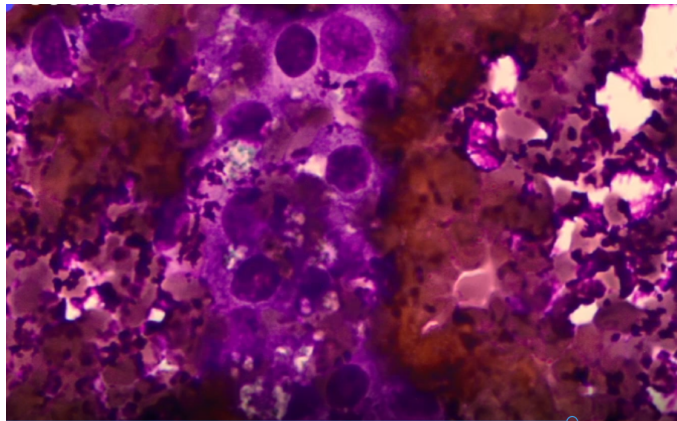


Image shows hepatocytes with stain precipitate and scattered inflammatory cells interspersed with RBCs collected from the liver in Bella.

HOSPITAL NAME

City Veterinary Clinic
Alain

REFERRING VET

Dr. Inam ul haq

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.

INVOICE NUMBER

693



DATE

3/20/22

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.

INTERPRETED BY

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

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

PATIENT

Bella Elma

SPECIES

Canine

BREED

Daschund

SEX

Female

AGE

13y

WEIGHT

6.6

HOSPITAL NAME

City Veterinary Clinic
Alain

REFERRING VET

Dr. Inam ul haq

INVOICE NUMBER

693