



DATE PRESENTING CLINICAL SIGNS

4/29/22

Previous bloods showed elevated liver values and significant proteinuria. Monitored prot./creat. after 3 screenings (3.8). Increased Ca 11.9. No current meds. TP 8.1, glob 3.9, AST 150, ALT 945, Alk. Phos. 4539. U/A: creat/cort 15, USG 1.036. Multiple cloud-like lesions intermingled with cystic areas visualized on abdominal ultrasound.

INTERPRETED BY

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

CYTOLOGY SUBMISSION

U/S-guided FNA of liver lesions.

OBSERVATIONS

Liver: Submitted are a large number of images of cells collected from the liver in Joffey. There are good collections of hepatocytes in every image. The hepatocytes demonstrate slight vacuolization and granularity with slight irregularity of the hepatocytes. One or two hepatocytes were binucleated. The hepatocytes appear to be slightly aggregated and not demonstrating chainlike patterns. Malignant characteristics were not identified.

PATIENT

"Joffey" Sweatt

SPECIES

Canine

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Liver - Mild to moderate hepatocellular vacuolization with changes suggestive of nodular hyperplasia.

BREED

Labrador Retriever

COMMENTS

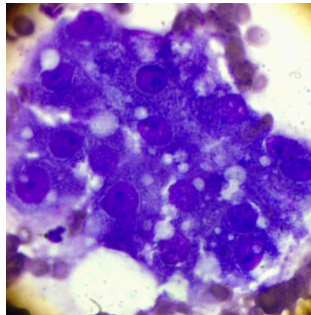
The changes in this cellular collection support vacuolar hepatopathy as part of the process but there easily could also be nodular hyperplasia. There was no infiltration of cells that did not belong in the liver in this collection. I was unable to identify extensive inflammation in any location. These changes appear to be secondary changes and could be secondary to many different conditions in the abdominal cavity. Pancreatitis or enteritis is always a concern. This could include steroid therapy or heavy response to steroids. It could also be vacuolar hepatopathy by itself. Nodular hyperplasia could suggest problems in the past. Again, there are no changes to support malignancy or sepsis in these collections.

AGE

12-year-old

WEIGHT

60.5 lbs



HOSPITAL NAME

Brenda King VS

Image above shows hepatocellular vacuolization and irregular hepatocytes collected from Joffey. One neutrophil is observed.

REFERRING VET

Dr. Brenda King

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.

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.



DATE

4/29/22

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

INTERPRETED BY

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

PATIENT

"Joffey" Sweatt

SPECIES

Canine

BREED

Labrador Retriever

SEX

MN

AGE

12-year-old

WEIGHT

60.5 lbs

HOSPITAL NAME

Brenda King VS

REFERRING VET

Dr. Brenda King