



DATE PRESENTING CLINICAL SIGNS

3/24/23

Patient presented for vomiting and anorexia. Elevated ALT, ALP, and also anemia. No current meds.
HCT 24%, BUN 50, ALT 1804, ALP 4000.

INTERPRETED BY

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

CYTOLOGY SUBMISSION

FNA of liver mas & right liver nodule

PATIENT OBSERVATIONS

Diesel Weintraub

Left liver mass: Submitted are a large number of images and 2 videos of cells collected from the left liver mass in Diesel. There are hepatocytes in several of the images. Other images demonstrate inflammatory cells such as neutrophils, lymphocytes, and rare macrophages. The hepatocytes demonstrate slight anisokaryosis and anisocytosis. There is slight variation in the cells with some vacuoles. Malignant characteristics are not prominent.

SPECIES

Canine

Right liver mass: Submitted are 11 images of cells collected from the right liver mass in Diesel. There are very few hepatocytes in the majority of the images. There are a few hepatocytes in three of the images. There is inflammation in many of the images. The hepatocytes demonstrate minimal variation in size and shape with scattered inflammatory cells and the surrounding red blood cell collection. Mild vacuolization has occurred in some of the hepatocytes.

BREED

Silky Terrier

SEX

Male Neutered

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Left and right liver masses - Consistent with nodular hyperplasia of hepatocytes and of mild hepatocellular vacuolization.

AGE

12-year-old

The cellularity supports mild proliferation of the hepatocytes in irregular patterns suggesting nodular hyperplasia. This will have to be confirmed with biopsies. It could be a low-grade adenomatous proliferation. There is mild inflammation in the surrounding red blood cells, but this could be secondary or the result of inflammatory cells in the red blood cells series. I am unable to confirm malignancy or sepsis in this collection. If further evaluation is required, then exploratory and biopsy will be necessary to identify the specific process in the cells.

WEIGHT

17.9 lbs

HOSPITAL NAME

Franklin Lakes Animal
Hospital

REFERRING VET

Dr. Ward

INVOICE NUMBER

40692



DATE

3/24/23

INTERPRETED BY

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

PATIENT

Diesel Weintraub

SPECIES

Canine

BREED

Silky Terrier

SEX

Male Neutered

AGE

12-year-old

WEIGHT

17.9 lbs

HOSPITAL NAME

Franklin Lakes Animal
Hospital

REFERRING VET

Dr. Ward

INVOICE NUMBER

40692

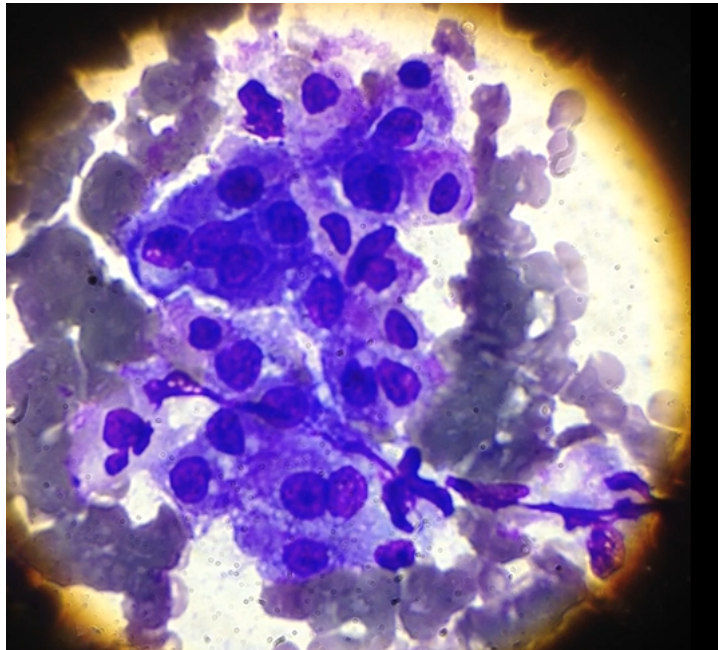


Image shows a group of hepatocytes collected from the left liver mass in Diesel. Note the anisokaryosis and anisocytosis suggesting hyperplasia.

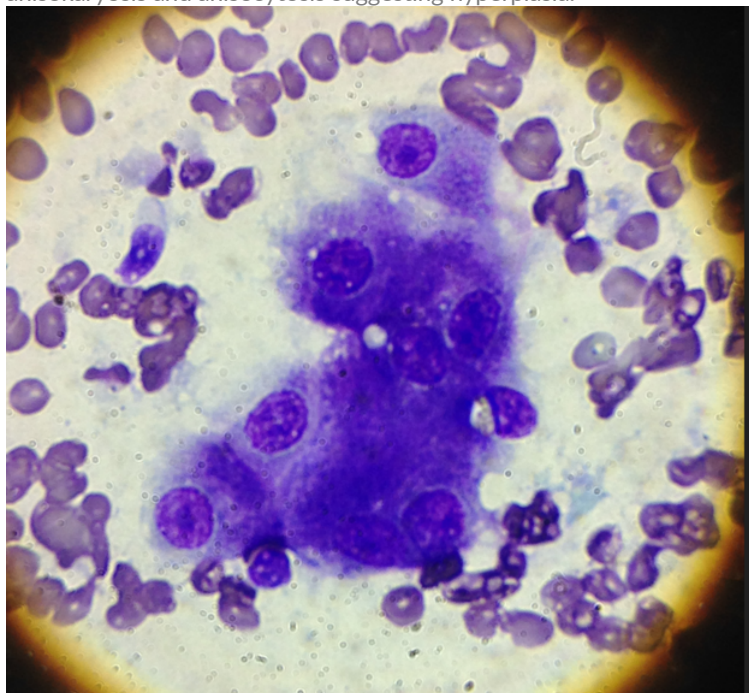


Image shows a group of hepatocytes collected from the right liver mass in Diesel. Note the slight irregularity of the cells.



DATE

3/24/23

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.

INTERPRETED BY

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

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.

PATIENT

Diesel Weintraub

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

SPECIES

Canine

BREED

Silky Terrier

SEX

Male Neutered

AGE

12-year-old

WEIGHT

17.9 lbs

HOSPITAL NAME

Franklin Lakes Animal
Hospital

REFERRING VET

Dr. Ward

INVOICE NUMBER

40692