

PATIENT

Tobias Dyer

SPECIES

Canine

BREED

Husky

SEX

Neutered male

AGE

11 years

WEIGHT

71.9 lbs

INTERPRETED BY

Dr. Lawrence McGill,
DVM, Ph.D., Diplomate,
ACVP

IMAGING PERFORMED BY

Sara Hansen

HOSPITAL NAME

Ark AH

REFERRING VET

Dr. Guy

INVOICE

74039

DATE

4/1/26

PRESENTING CLINICAL SIGNS

- Worsening liver appearance on AFAST today - heterogenous with multifocal anechoic areas
- Previous diagnosed with hepatic nodules, hepatomegaly, bilateral adrenomegaly
- Internal medicine consult recommended Abdominal U/S with FNA of liver
- Clotting times to be performed the morning of ultrasound WNL
- Current Medications Cerenia, Entyce

CYTOLOGY SUBMISSION

FNA of the liver was submitted

OBSERVATIONS

Liver: Submitted are 4 very good videos with minimal numbers of hepatocytes in several aggregates throughout the hemodiluted sample. Where hepatocytes are identified, there are good collections with slight granularity of the cytoplasm and minimal vacuolization. The nuclei are minimally variable. The surrounding red blood cells contain increased numbers of neutrophils with scattered lymphocytes. Malignant characteristics are not identified in these videos.

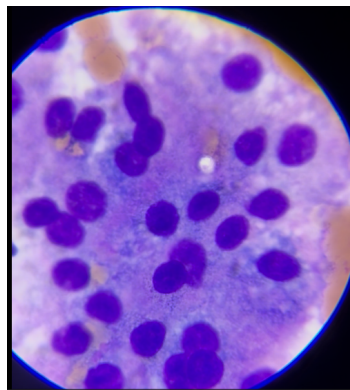
INTERPRETATION OF FINDINGS & FURTHER RECOMMENDATIONS

Liver - Scattered aggregates of hepatocytes suggesting possible nodular hyperplasia or hepatocellular adenoma with a hemodiluted sample.

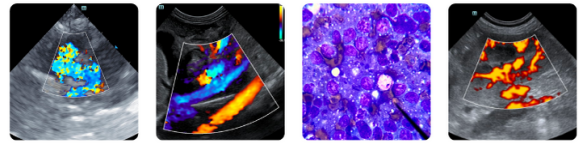
COMMENTS

The collection included a few aggregates of hepatocytes but the major collection is hemorrhage with inflammation. Neutrophils are quite prominent with some lymphoid cells suggesting chronic inflammation. This type of change easily can be secondary and I wonder about the possibility of pancreatitis or enteritis causing the inflammation. The hepatocellular changes are not supporting neoplasia but could be the result of nodular hyperplasia or an outside possibility of a hepatocellular adenoma. Exploratory with the biopsies is going to be required to confirm the process in the liver. nodular hyperplasia can become quite large. A guarded prognosis is warranted until the specific cellular process can be confirmed with a biopsy.

CYTOLOGY IMAGE



This is an image of hepatocytes collected from Tobias. Note the minimal variation of the nuclei with a slight granularity of the cytoplasm. Inflammation was prominent in the surrounding red blood cells in other fields.



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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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.

BREED

Husky

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

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