



DATE PRESENTING CLINICAL SIGNS

2/3/22

Presented last week for ADR, not eating in am and drinking more. Acutely worsened this morning, vomited blood and not interested in eating. Repeated CBC today showed anemia (was 40% now 30%).

PE: QAR, mild potbelly.

INTERPRETED BY

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

AUS: variably sized target lesions throughout liver with reactive fat around all lobes. Small amount free fluid in abdomen. No obvious lesions on the spleen, some cranial abdominal mild lymphadenopathy.

BW (1/22) ALT 386, ALP 457, Hct 40%. CBC (today)

HCT 30%, Plt 180k

RADS (chest and abdomen): lungs appear clear, hepatomegaly with rounded edges.

PATIENT

Gema Godbout

CYTOLOGY SUBMISSION

FNA of Liver

SPECIES

Canine

OBSERVATIONS

Liver: Submitted are a large number of excellent videos of excellent collections of cells collected from the liver in Gema. There are 2 variable collections of cells in aggregates. These are collected in a background of RBCs and inflammatory cells. The aggregates include good collections of hepatocytes with granulated and minimally vacuolated cytoplasm. The other cells are smaller cells with anisocytosis and anisokaryosis. These cells have minimal cytoplasm with indistinct borders. There are some videos with large aggregates of these cells. They are not typical for a normal liver.

BREED

Golden Retriever Mix

SEX

FS

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Liver - Aggregates of cells within hepatocytes consistent with carcinoma--probably metastatic.

AGE

11 years

COMMENTS

There are 2 populations of cells in many of these videos. The hepatocytes are essentially normal. The second population of cells strongly supports metastatic carcinoma. I have the impression that they are neuroendocrine such as Islet cells or other sources. I cannot rule out other cellularity but they appear carcinomatous. Biopsy will be required to confirm the cell type but the prognosis in my opinion is unfavorable.

WEIGHT

67 lbs

HOSPITAL NAME

Scanvet

REFERRING VET

Dr. Chadbourne

INVOICE NUMBER

70460



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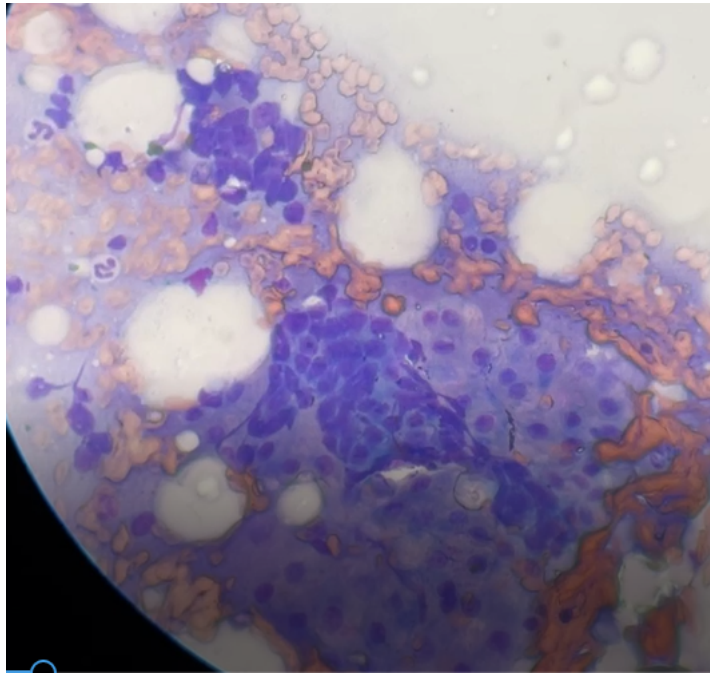


Image shows 2 populations of cells collected from the liver in Gema. Note the aggregate of irregular cells in the center of the hepatocytes.

SEX

FS

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.

AGE

11 years

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.

WEIGHT

67 lbs

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