



DATE PRESENTING CLINICAL SIGNS

5/13/2022

Progressive weight loss, 3 lbs in a year. Vomiting bile and blood, mild lethargy. Current meds: Cerenia/Laxatone.

INTERPRETED BY CYTOLOGY SUBMISSION

U/S-guided FNA of liver and stomach.

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

OBSERVATIONS

Stomach: Submitted are 8 excellent images and one video of minimal to moderate collections of cells from the stomach wall in Mitchell. The cellularity is mixed with neutrophils and irregular round cells. The round cells are lymphoid elements with some of the cells demonstrating large prominent cytoplasm. The nuclei are regular with prominent nucleoli. Degenerative debris is prominent and there are scattered spindloid cells.

PATIENT

Mitchell DeRose

Liver: Submitted are 12 excellent images and one video of moderate collections of cells from the liver in Mitchell. The cellularity consists of large numbers of round cells. Many of these round cells have prominent cytoplasm. The nuclear characteristics are varied. There are scattered neutrophils and scattered hepatocytes but the major cellularity consists of round cells. Smudge material is part of the collection including some aggregates of platelets.

SPECIES

Feline

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

BREED

Stomach wall - Round cell tumor suggestive of high-grade lymphoma.
Liver - Round cell tumor suggestive of high-grade lymphoma or histiocytic sarcoma

DSH

COMMENTS

SEX

Male neutered

The cellularity in both of these organs strongly supports a round cell tumor. The cells from the stomach suggest a high-grade lymphoma. The cells in the liver may be the result of high-grade lymphoma but some of the cells have large quantities of cytoplasm. This would be more consistent with a histiocytic sarcoma although it could be some type of lymphoma. Immunophenotyping the cells may be beneficial in confirming the diagnosis but may not be beneficial in prognosis. A guarded to unfavorable prognosis is warranted with the smears that we have to evaluate.

AGE

13-year-old

WEIGHT

11.4 lbs

HOSPITAL NAME

Franklin Lakes AH

REFERRING VET

Dr. Onesios

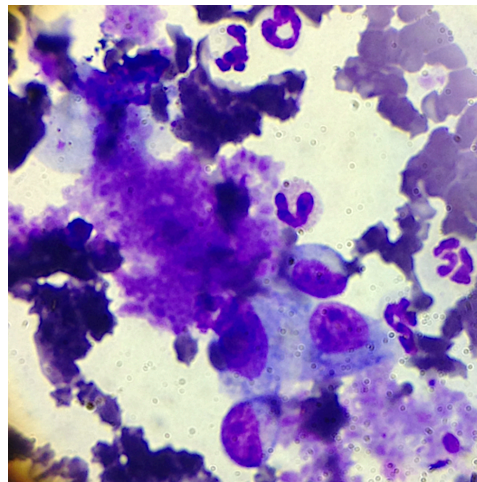


Image above shows some of the cells collected from the stomach wall in Mitchell. The larger cells suggest lymphoid cells with atypical nuclei and nucleoli.



DATE

5/13/2022

INTERPRETED BY

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

PATIENT

Mitchell DeRose

SPECIES

Feline

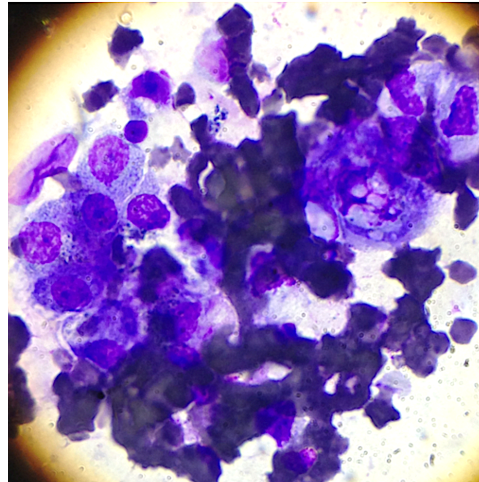


Image above shows some of the cells collected from the liver in Mitchell. Some have a similar pattern to those collected from the stomach.

BREED

DSH

SEX

Male neutered

AGE

13-year-old

WEIGHT

11.4 lbs

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.

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

HOSPITAL NAME

Franklin Lakes AH

REFERRING VET

Dr. Onesios