



DATE PRESENTING CLINICAL SIGNS

5/24/22

Several weeks ago had probable upper GI hemorrhage - was vomiting coffee grounds and melena noted by owner. Resolved without therapy. Still has had decreased appetite, but no further melena. CBC - low normal HCT on 5/16 (37%) that has improved today to 42%. Chemistry - NSF. Ultrasound today - lymph nodes around stomach are enlarged, thickening of gastric wall at outflow - FNA taken from this area. Unable to get good access to biopsy gastric lymph nodes. Concern for MCT. Endoscopy - normal appearance to gastric and duodenal mucosa. Biopsies obtained and pending pathology.

INTERPRETED BY

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

PATIENT CYTOLOGY SUBMISSION

FNA of Gastric wall

Kizer Edwards

OBSERVATIONS

SPECIES

Canine

Gastric wall aspirate: Submitted are 7 excellent videos and 6 images of cells collected from the gastric wall in Kizer. There are good collections of round cells in all of these videos and images associated with red blood cells. The round cells have bluish gray cytoplasm, many of which contain irregular granular material. The granular structures are quite irregular and inconsistent between cells. The nuclei have euchromatic nuclear appearances with scattered nucleoli. These cells have the appearance of irregular lymphoid cells with scattered inflammatory cells associated.

BREED

Australian Shepherd

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Gastric wall aspirate - Granular cell lymphoma (Large granular cell lymphoma)

SEX

Male Neutered

COMMENTS

There are definitely granules in many of the cells. These granules and the nuclear characteristics are not characteristic of mast cell tumors. These are most characteristic of lymphoid cells that in the past have been called large granular lymphoid cells. They are very prominent throughout all the smears.

AGE

8y

This is a lymphoma of this cell type which is not uncommon in the region. These are likely T cell lymphocytes. If chemotherapy is contemplated, immunophenotyping of the cells in this collection may be beneficial to identify cell type. This information may contribute to the prognosis. These slides may be submitted for PARR testing or biopsy and immunohistochemistry staining can be undertaken. Re-collection for flow cytometry evaluation will be required if that testing is desired. You may wish to contact the laboratory to confirm the sample required for flow cytometry. A guarded to unfavorable prognosis is warranted in my opinion depending upon response to therapy.

WEIGHT

42#

HOSPITAL NAME

Ruidoso Animal Clinic

REFERRING VET

Dr. Amanda Favis

INVOICE NUMBER

40530



DATE

5/24/22

INTERPRETED BY

L.D. McGill, DVM,
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PATIENT

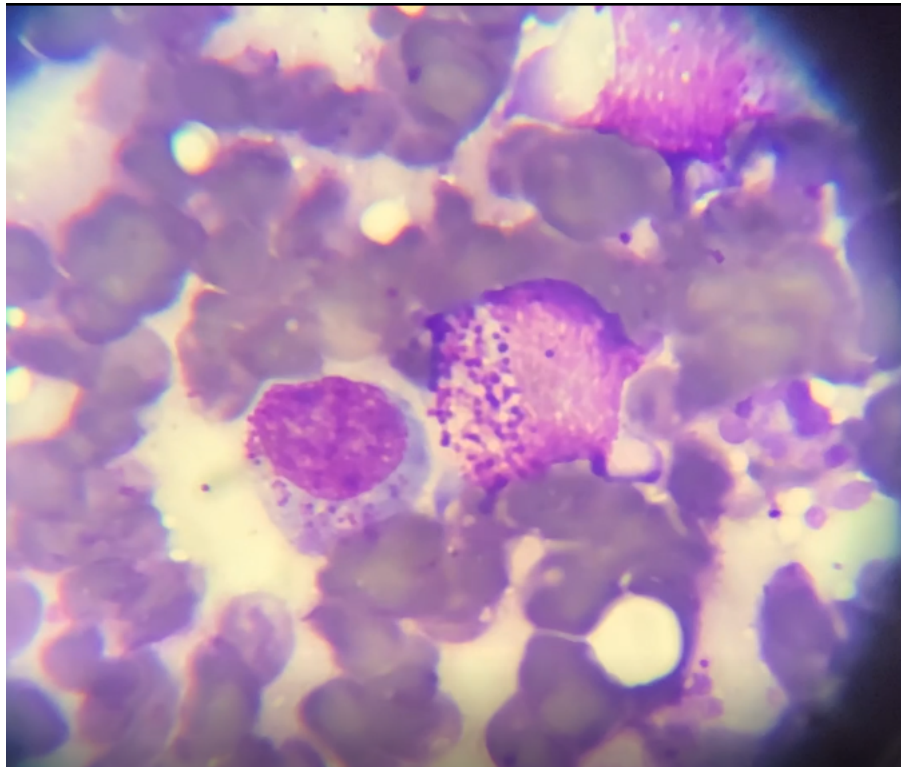
Kizer Edwards

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SEX

Image shows a few of these lymphocytes collected from Kizer. They are irregularly granulated.

Male Neutered

AGE

8y

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.

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