



DATE PRESENTING CLINICAL SIGNS

1/6/22 Vomiting, inappetence for several months, acute worsening recently.
BW (11/24): Hct 27%, Neutropenia w/suspected Bands. Lipase 1693. BW (recheck, 12/15): Hct 41%, WBC normal.

INTERPRETED BY AUS: Splenic infiltrative pattern with mural gastric lesion.

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

CYTOLOGY SUBMISSION

FNA of Spleen

PATIENT

Mattie Mead

OBSERVATIONS

Spleen: Submitted are 11 excellent videos of cells collected from the spleen in Mattie. The smears are essentially blood smears with massive numbers of red blood cells and scattered nucleated cells. The nucleated cells are mixed including nucleated red blood cells, reactive lymphoid cells, and neutrophils. There are scattered smudge cells but they are few. There is evidence of red blood cell regeneration with polychromasia in this blood smear. There are good aggregates of platelets throughout the collection. I was unable to identify malignant characteristics.

SPECIES

Feline

BREED

DLH

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Spleen - Markedly hemodiluted collection with mixed cellularity.

SEX

FS

COMMENTS

The cellularity is a mixed collection that supports chronic inflammation with some red blood cell regeneration. I was unable to identify adequate atypia in the lymphoid tissue to support lymphoma. The cellularity is not characteristic of small cell lymphoma. It is possible that if there are areas of higher cellularity, this interpretation might change. In the smears that these videos were taken from, neoplasia cannot be confirmed. In my opinion, flow cytometry will probably not be beneficial in this case but it could certainly be attempted with the goal to confirm or rule out lymphoma. In my experience, phenotyping lymphoma in the cat is not as beneficial as in the dog. We may have to collect biopsies from the gastric wall or aspirates from that site to confirm what is occurring in Mattie.

AGE

11years

WEIGHT

12.2 lbs

HOSPITAL NAME

Scanvet

REFERRING VET

Dr. Allen/Dr. Bailey

INVOICE NUMBER

70443



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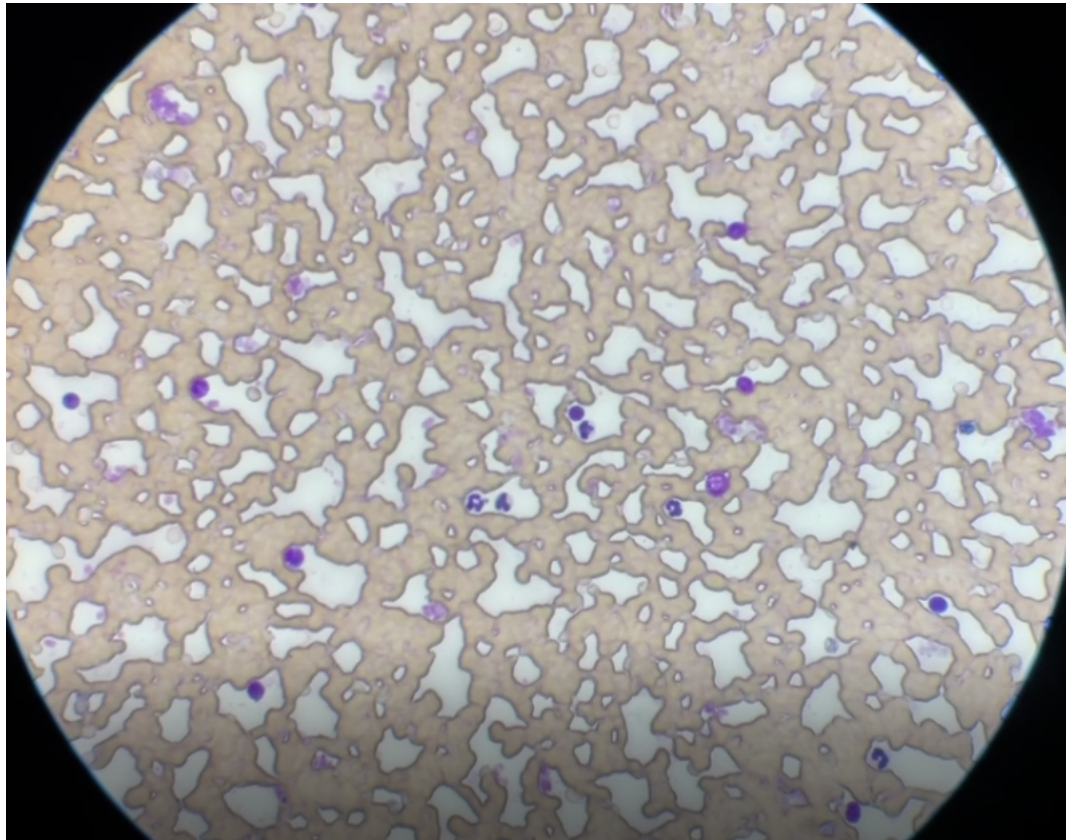


Image shows a representative cellularity of the splenic collection from the spleen in Mattie. Nucleated cells are scattered and mixed.

AGE

11years

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.

WEIGHT

12.2 lbs

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.

HOSPITAL NAME

Scanvet

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