

DATE **PRESENTING CLINICAL SIGNS**
5/14/22 Not eating, lethargic, weight loss, possible thickened SI on exam, muscle wasting, grade II-III/VI murmur

INTERPRETED BY **CYTOLOGY SUBMISSION**
L.D. McGill, DVM, Ph.D, DACVP U/S Guided FNA: Spleen, MILN

PATIENT **OBSERVATIONS**
Mittens Spellman Spleen: Submitted are 4 excellent videos of minimal to moderate collections of cells from the spleen in Mittens. The cellularity is mixed with scattered neutrophils and eosinophils and lymphoid cells. A very few mast cells were identified. Necrotic cells are identified as are macrophages.

SPECIES Mesenteric lymph node: Submitted are 3 excellent videos of moderate numbers of cells collected from the lymph node in Mittens. The majority of the cells are round cells with granular cytoplasm. There are binucleated and multi-nucleated cells of this type scattered throughout. These are characteristic intestinal mast cells in the cat. A very few other inflammatory cells are identified.
Feline

BREED **INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**
DSH Spleen - Chronic suppurative and necrotizing splenitis with a few mast cells.
Mesenteric lymph node - Feline intestinal mast cell tumor

SEX **COMMENTS**
FS The mesenteric lymph node demonstrates large numbers of intestinal mast cells suggesting that there is an intestinal mast cell tumor in mittens that has metastasized to the lymph node. It may also involve the spleen but there is extensive inflammation of the spleen at this time and mast cells can be there either as an inflammatory reaction or they could be metastatic mast cells. Due to the extent of the cellular process, an unfavorable prognosis is warranted. Occasionally in the cat, excision of the mass may prolong life but an unfavorable prognosis for long-term is still expected.

WEIGHT
5.5 lbs

HOSPITAL NAME
Animal Care Center of Flanders

REFERRING VET
Dr. Hallihan

INVOICE NUMBER
9091

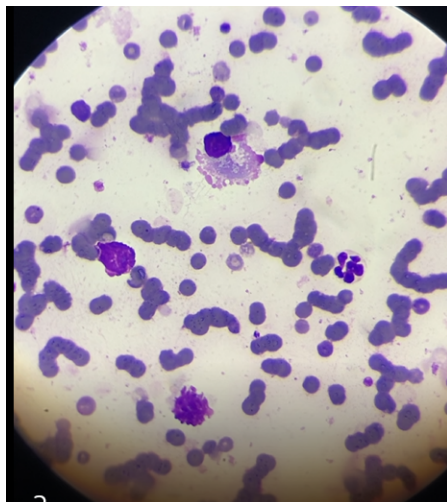
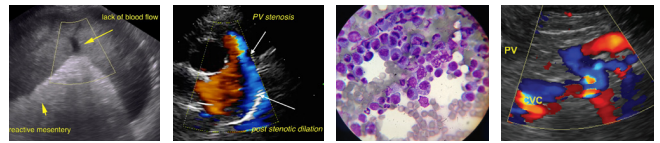


Image shows a field of cells with degenerate debris and a possible degenerating mast cell collected from the spleen in Mittens.



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INTERPRETED BY

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

PATIENT

Mittens Spellman

SPECIES

Feline

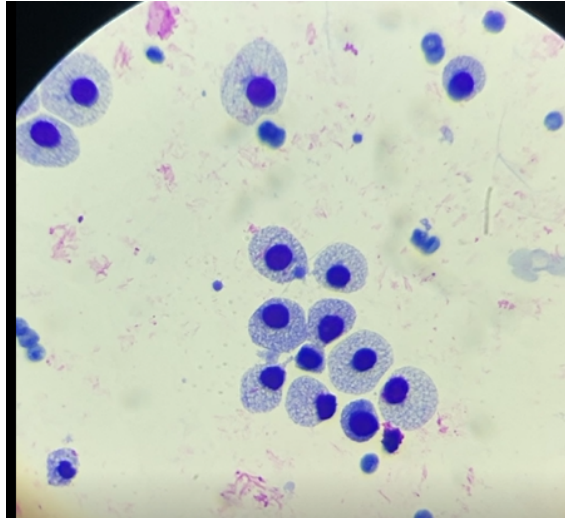


Image shows a group of intestinal mast cells collected from the lymph node in Mittens. Note the anisocytosis and anisokaryosis.

BREED

DSH

SEX

FS

AGE

16 yrs

WEIGHT

5.5 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.

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