



PATIENT

Smitty Jurkowski

SPECIES

Canine

BREED

Lab Mix

SEX

Neutered male

AGE

9 years

WEIGHT

71 lbs

INTERPRETED BY

Dr. Lawrence McGill,
DVM, Ph.D., Diplomate,
ACVP

IMAGING PERFORMED BY

Karen Ebersole, DVM,
DABVP (Canine/Feline
Practice)

HOSPITAL NAME

Scanvet

REFERRING VET

Dr. Strickland

INVOICE

71701

DATE

2/18/26

PRESENTING CLINICAL SIGNS

- Weight loss and hyperglobulinemia. Severe splenomegaly with solid mass (small). Concern for possible Multiple Myeloma. FNA spleen/splenic mass
- BW: TP 11.9, Alb 1.8, Glob 10.1, A:G ratio 0.2. WBC 3.5 k with neutropenia and lymphopenia. AUS: Marked splenomegaly with diffusely heterogeneous parenchyma, splenic mass - solid, non-cavitated; left adrenomegaly with nodules in both poles. RADS: no visible lytic lesions.

CYTOLOGY SUBMISSION

FNA of the spleen was submitted

OBSERVATIONS

Spleen: Submitted are 10 excellent videos of excellent collections of nucleated cells from the spleen in Smitty. The cellularity is characteristic through all of the videos with large numbers of plasma cells or plasmacytoid cells identified. Scattered binucleated cells and multi nucleated cells are readily identified. Mitotic figures were observed. There are very few scattered other types of nucleated cells since the plasma cells appear to be overwhelming the other cellularity in the spleen.

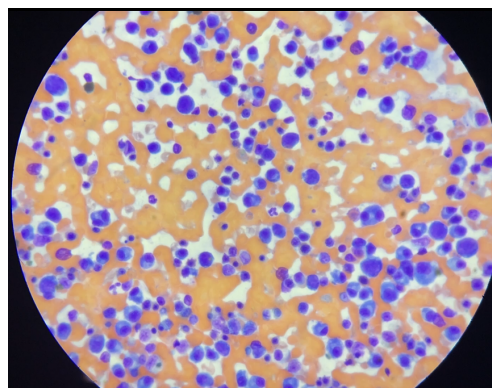
INTERPRETATION OF FINDINGS & FURTHER RECOMMENDATIONS

Spleen - Massive neoplastic plasma cell accumulation suggestive of multiple myeloma.

COMMENTS

This is an excellent collection of plasmacytoid cells with neoplastic characteristics. This very likely is a multiple myeloma due to the massive numbers of cells here and likelihood of other tissues being involved. There are some chemotherapy measures that can be utilized in treatment but you may wish to consult an oncologist with that potential. With the massive numbers of plasma cells in this spleen, an unfavorable prognosis is warranted in my opinion. Your understanding of the clinical case may result in a more favorable prognosis.

CYTOLOGY IMAGE



This is a field of large numbers of plasma cells including binucleated cells. Note the pale area next to the nucleus on the majority of these cells collected from the spleen in Smitty.



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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. 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

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