



## PATIENT

Mabel Hari

## SPECIES

Canine

## BREED

Mixed

## SEX

Female

## AGE

13 Years

## WEIGHT

24.1 kg

## INTERPRETED BY

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

## IMAGING PERFORMED BY

Dr. Iftikhar Raza

## HOSPITAL NAME

Pawsitive Veterinary  
Clinic Dubai Silicon  
Oasis

## REFERRING VET

Dr. Iftikhar Raza

## INVOICE

71861

## DATE

11/16/25

## PRESENTING CLINICAL SIGNS

13 years old female spayed, mixed breed dog presented for a geriatric exam. Ultrasound examination revealed heterogeneous parenchyma of spleen, nodular lesions present in the right limb of pancreas was observed. Fine needle aspiration of spleen was done and submitted for evaluation.

## CYTOLOGY SUBMISSION

Spleen.

## OBSERVATIONS

Submitted are 52 very good images of moderate collections of cells from the spleen in Mabel. The cellularity is mixed. There are scattered neutrophils, lymphocytes and nucleated red blood cells. Scattered mast cells are suggested. There are likely macrophages but they are difficult to identify. Lipid is prominent in multiple vacuoles throughout the collection. Nucleated red blood cells appear to be part of the process. There are a few fields that include spindle cells which could be stromal cells in the spleen. There is no suggestion of malignancy or sepsis.

## INTERPRETATION OF FINDINGS & FURTHER RECOMMENDATIONS

Mixed cellular collection with lipid suggesting the possibility of a Myelolipoma.

## COMMENTS

The cellularity is mixed as described and there is evidence of myeloid and erythroid cells. Lipid is quite prominent throughout all of the various images. This suggests that lipid is prominent in the area and thus I am suggesting the possibility of a Myelolipoma. This would be a benign lesion of nonspecific nature. Again, there is no suggestion of neoplasia or sepsis. The major changes are present in the liver with no evidence of the same type of cellularity in the spleen. A guarded prognosis is warranted due to the liver changes.

## CYTOLOGY IMAGE

Below is an image of cells collected from the spleen in Mabel. There are lipid vacuoles scattered throughout with a mixture of cells including the possibility of a mast cell on the left side.



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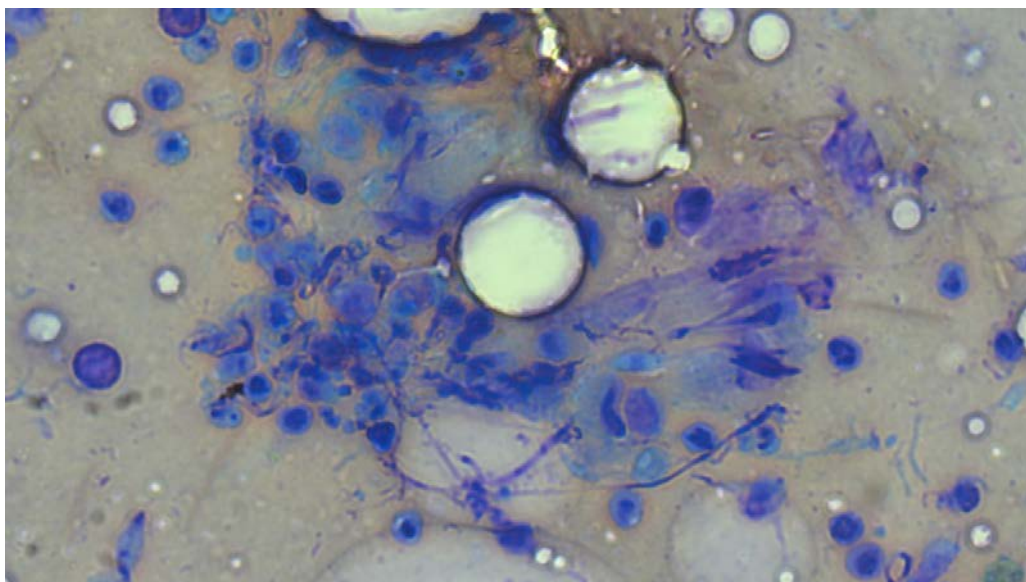
Dr. Iftikhar Raza

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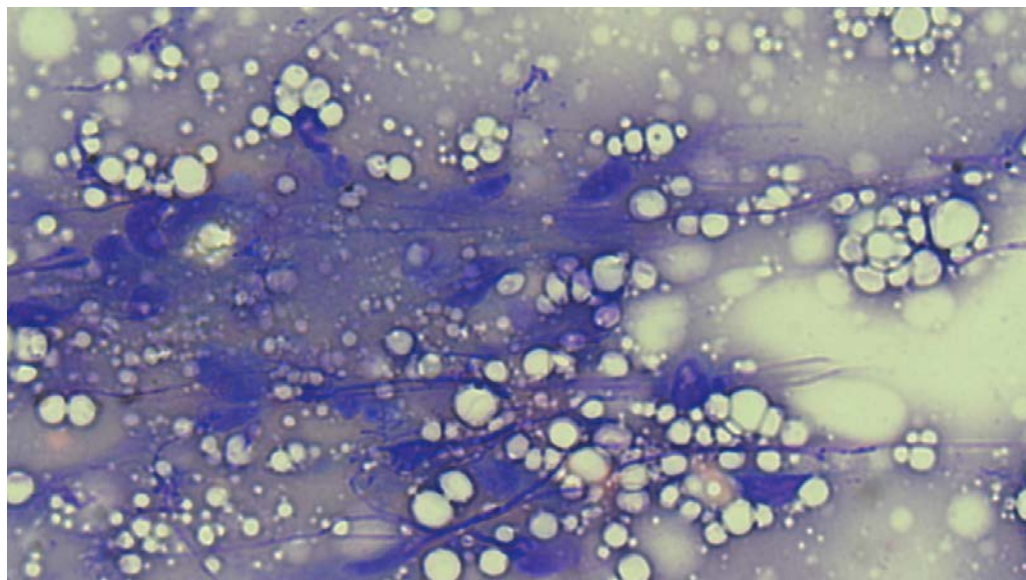
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The image below demonstrates a field with large aggregates of lipid interspersed with tissue cells collected from the spleen in Mabel.



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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