



## PATIENT

Izzy MC 1792

## SPECIES

Canine

## BREED

Shih Tzu Mix

## SEX

Female

## AGE

9 years

## WEIGHT

9.2 kg

## INTERPRETED BY

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

## IMAGING PERFORMED BY

Dr. Inam

## HOSPITAL NAME

Pawsitive Veterinary  
Clinic Dubai Silicon  
Oasis

## REFERRING VET

Dr. Inam

## INVOICE

69797

## DATE

1/5/26

## PRESENTING CLINICAL SIGNS

History: The patient presented with the complain of PU/PD and excessive panting at night. Blood test showed ALP 700 U/L, ALT 139 U/L. Abdominal ultrasound showed coarse hepatic parenchyma. An incidental cecal mass was also identified during the abdominal ultrasound scan. Ex-lap was done to excise this mass and the hepatic biopsy sample was collected to find the underlying hepatic pathology. The cecal mass was also submitted for histopathology. Fine needle aspirate of the spleen was done and submitted for telectology interpretation DDX for liver 1. Vacuolar hepatopathy 2. Canine hepatic nodular hyperplasia 3. Hepatic lymphoma DDX for cecal mass 1. Lymphoma 2. Adenocarcinoma 3. Leiomyosarcoma DDX for spleen 1. Splenic nodular hyperplasia 2. Splenitis 3. Distant metastasis to spleen

## CYTOLOGY SUBMISSION

FNA of the spleen was submitted

## OBSERVATIONS

Spleen: Submitted are 23 good images of hemodiluted aspiration from the spleen in Izzy. There is a background of red blood cells throughout all of the images but there are nucleated cells through all of the images as well. The nucleated cells are mixed with lymphoid cells that are large and small. Smudged nuclear debris is present. There are scattered neutrophils and rare macrophages. Scattered lymphoid cells have cleaved nuclei. The cellularity is definitely mixed.

## INTERPRETATION OF FINDINGS & FURTHER RECOMMENDATIONS

Spleen - Mixed cellular collection with increased numbers of lymphoid cells suggesting lymphoid hyperplasia or possible early lymphoma.

## COMMENTS

With the mixed cellularity, this could be splenitis or only a reactive splenic tissue. There is congestion or a hemodiluted collection at best. With the increased numbers of lymphocytes and scattered lymphocytes that appear to have cleaved nuclei, lymphoma cannot be completely ruled out but it cannot be diagnosed either. I'm not sure there are adequate numbers of lymphocytes for PARR testing in this case but possibly the samples from the other organs will be beneficial in identifying a diagnosis in Izzy. A guarded prognosis is warranted due to the mixed cellular collection in this sample and not being able to identify a specific diagnosis.

## CYTOLOGY IMAGE



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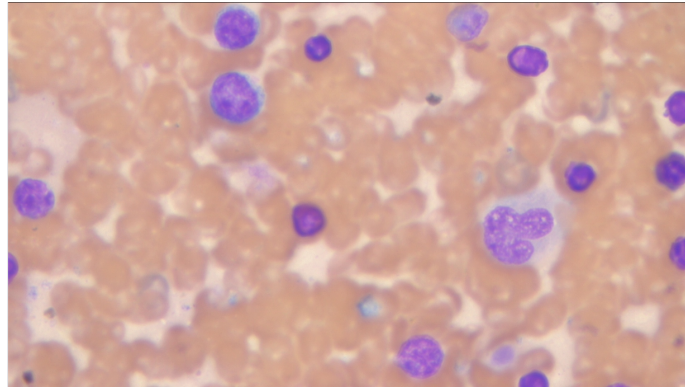
Dr. Inam

## INVOICE

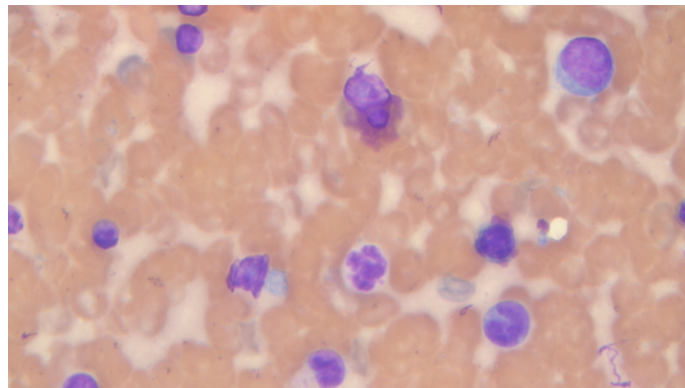
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This is an image of lymphoid cells demonstrating large numbers of small lymphocytes with a macrophage and reactive lymphoid cells collected from the spleen in Izzy.



This is an image of cells collected from the spleen in Izzy. Note the neutrophil and one cleaved nucleus of a lymphocyte with the reactive lymphocytes in the upper right.

**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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