



## PATIENT

Thelonious Orange  
Street Cat Rescue

## SPECIES

Feline

## BREED

Domestic Longhair

## SEX

Neutered male

## AGE

13 years

## WEIGHT

12.6 lbs

## INTERPRETED BY

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

## IMAGING PERFORMED BY

Nick Pizzemento/Erin  
LVT

## HOSPITAL NAME

Central VH

## REFERRING VET

Dr. Anna St Sir

## INVOICE

72335

## DATE

3/6/26

## PRESENTING CLINICAL SIGNS

FIV positive, abdominal ultrasound revealed renal changes as well as kidney stones. FNA of kidney taken for path review. Small cavitated hyperechoic liver nodule - FNA taken for path review

## CYTOLOGY SUBMISSION

FNA of the kidneys and liver were obtained

## OBSERVATIONS

**Kidney:** Submitted are 7 excellent videos of moderate to excellent collections of cells from the kidney in Thelonious. The cellularity consists of large numbers of rounded occasionally aggregated cells that appear to have pseudopodia suggesting histiocytic cells. These are interspersed throughout the background of red blood cells with scattered neutrophils and lymphocytes. There are small aggregates of tubular cells from the kidney but the most common cellularity consists of the histiocytic cellularity with granular cytoplasm.

**Liver:** Submitted are 5 excellent videos of excellent collections of cells from the liver in Thelonious. There are excellent collections of hepatocytes, many of which are vacuolated. There are scattered vacuoles that suggest lipid. There are scattered inflammatory cells in the surrounding red blood cells that include neutrophils and lymphocytes. The inflammatory cells are not overwhelming.

## INTERPRETATION OF FINDINGS & FURTHER RECOMMENDATIONS

**Kidney -** Collections of apparent histiocytic cells suggesting granulomatous inflammation or possible histiocytic neoplasia.

**Liver -** Moderate hepatocellular vacuolization with mild inflammation.

## COMMENTS

The cellularity in the kidney suggests some type of histiocytic cellular collection. This can be secondary to granulomatous inflammation or it could possibly be due to some type of histiocytic neoplasia. Other potential neoplastic processes can be considered. There is inflammation in both the liver and kidney which could be associated with FIP. The changes are not diagnostic and will require additional testing to confirm. Kidney biopsies will be required to confirm what is occurring in that organ. FIP should continue to be on the differential list.



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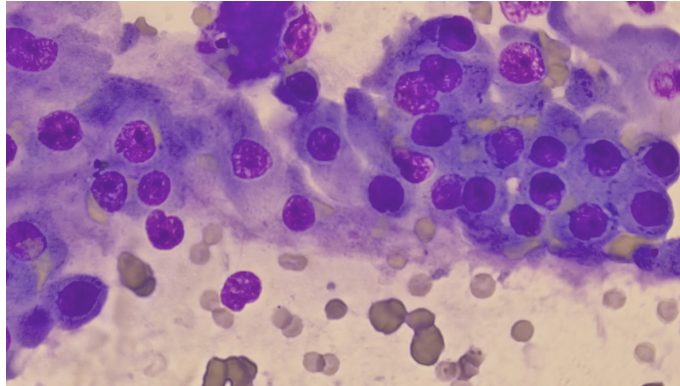
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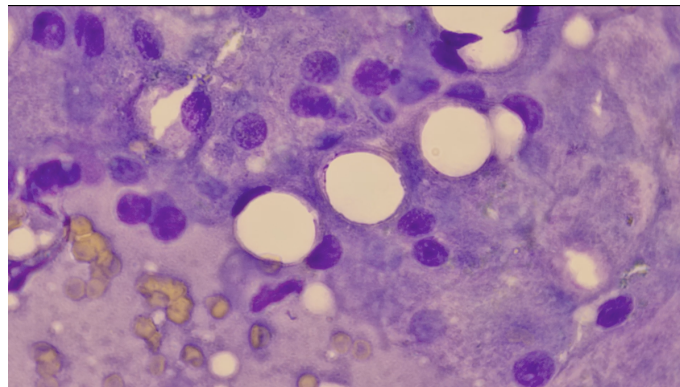
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## CYTOLOGY IMAGE



This image demonstrates renal tubular cells to the left with an aggregate of the irregular histiocytic appearing cells to the right in this collection from the kidney in Thelonious.



This is an image demonstrating the hepatocytes collected from the liver in Thelonious. Note the vacuoles in the hepatocytes with slight irregularity of the nuclei.

**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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