

## PATIENT

Rivers Grosse

## SPECIES

Canine

## BREED

Doberman Mix

## SEX

Neutered male

## AGE

10 years

## WEIGHT

51 lbs

## INTERPRETED BY

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

## IMAGING PERFORMED BY

Nick Pizzemento

## HOSPITAL NAME

Central VH

## REFERRING VET

Dr. Anna St Sir

## INVOICE

71130

## DATE

2/2/26

## PRESENTING CLINICAL SIGNS

- Elevated pancreatic level and lymphocytes on bloodwork. On AUS anechoic nodule on pancreas.

## CYTOLOGY SUBMISSION

FNA of the pancreatic nodule was submitted

## OBSERVATIONS

Pancreatic nodule: Submitted are 2 very good videos and 7 very good images of cells collected from the pancreatic nodule in Rivers. The cellularity is consistent throughout the videos and images. There are large numbers of round cells that appear to be large lymphoid cells with scattered small lymphocytes and scattered neutrophils. Macrophages are identified as well. These large lymphoid cells have irregular nuclei and prominent nucleoli. This causes concern about what is occurring in this nodule. There is some inflammation but pancreatic cellular elements are few if any.

## INTERPRETATION OF FINDINGS & FURTHER RECOMMENDATIONS

Pancreatic nodule - Large numbers of lymphoid cells with some atypia suggesting lymphoma.

## COMMENTS

The cellularity in this collection was not what I had expected. There are large numbers of lymphoid cells throughout the collection and many of these lymphoid cells are large and irregular. This strongly suggests the likelihood of lymphoma at this location. Further evaluation of the region is encouraged to confirm whether this is lymphoma or a rather severe lymphoid inflammatory pancreatitis. If chemotherapy is contemplated, then immunophenotyping of the cells to confirm the specific cell type may be beneficial for prognosis. The slides may be submitted for PARR testing or new slides that are not stained can be submitted for immunocytochemistry staining. Flow cytometry can be beneficial but will require a repeat collection of cells prior to submission to the laboratory. Contacting the laboratory to confirm how to submit flow cytometry samples is encouraged. An unfavorable prognosis is warranted however chemotherapy may be beneficial if this is confirmed as lymphoma. Consultation with an oncologist may be beneficial.



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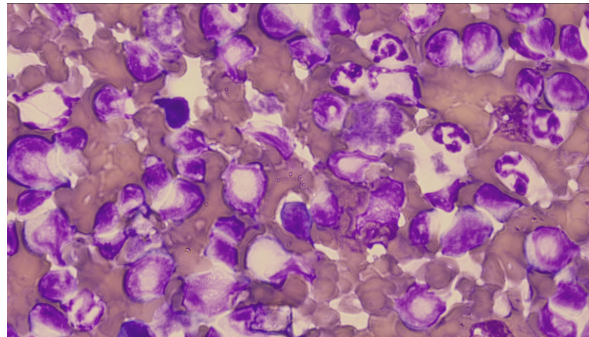
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## CYTOLOGY IMAGE



This image demonstrates a field with large numbers of lymphoid cells and scattered neutrophils collected from the pancreatic nodule in Rivers. Note the irregular nuclei in the large lymphoid cells in this field.

**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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