

PATIENT

Lola McComb

SPECIES

Canine

BREED

Golden Retriever

SEX

Spayed female

AGE

7 years

WEIGHT

82 lbs

INTERPRETED BY

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

IMAGING PERFORMED BY

Shari Reffi

HOSPITAL NAME

Walker Valley VH

REFERRING VET

Dr. Barnhorst

INVOICE

78284

DATE

6/2/26

PRESENTING CLINICAL SIGNS

History: History of mass cell tumors, possible IHA. Fever, lethargy. Prednisone, Sucralfate, Prilosec, immunosuppressive.

U/S Findings: The spleen in this patient presented moderate to severe splenomegaly and scalloping hypoechoic

parenchyma with enhanced surrounding mesentery and subtle micronodular changes. This change is strongly consistent with infiltrative disease. • Splenohepatic and early GI infiltrative disease.

- Age-related renal changes
- Free fluid

• Hyperechoic fat surrounding the pancreas- no evidence of primary pancreatic disease

The liver was swollen, hypoechoic and irregular. No evidence of vascular compromise was noted. No evidence of thrombosis nor torsion. The gallbladder and common bile duct were unremarkable.

Round cell neoplasia is suspected.

Abnormal PE/Chem/CBC/UA Results: Coag panel PT 9.6, PTT 13.2 Regenerative anemia 24% Tp 6. Leukocytosis 219k. Alt 171, Alkp 443. Bili normal. Platelet 164k, HCT 18% this am 6 /1.

CYTOLOGY SUBMISSION

FNA of the splen was submitted

OBSERVATIONS

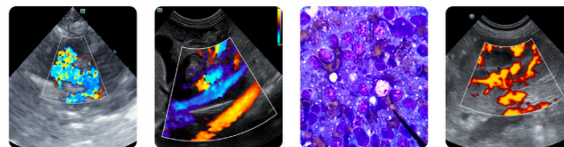
Spleen: Submitted are 5 very good videos of excellent collections of cells from the spleen in Lola. The cellularity is mixed. There are neutrophils, scattered macrophages and large numbers of nucleated red blood cells. The nucleated red blood cells series appears to be developing normally in this collection. There are scattered large irregular lymphoid cells with a mitotic figure in that apparent cellularity. These cells are not effacing the cellularity throughout the splenic tissue. There are some intermediate to small lymphocytes in the collection also.

INTERPRETATION OF FINDINGS & FURTHER RECOMMENDATIONS

Spleen - Mixed cell collection suggesting splenitis with marked extra medullary hematopoiesis and a few atypical lymphoid cells which may suggest early lymphoma.

COMMENTS

The cellularity in the collection of spleen certainly supports splenitis with marked hematopoiesis. Mast cells are not identified. There are however some irregular large lymphoid cells causing concern about an early lymphoma. The cellularity in the collection is inadequate to send out for PARR testing. Further evaluation of other lymphoid tissues may be beneficial in identifying whether there is lymphoma in Lola or not. There are certainly a few cells suggestive of that possibility. A guarded prognosis is warranted since the underlying process has not been confirmed and in fact there is a suggestion of potential lymphoma.



PATIENT

Lola McComb

SPECIES

Canine

BREED

Golden Retriever

SEX

Spayed female

AGE

7 years

WEIGHT

82 lbs

INTERPRETED BY

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

**IMAGING
PERFORMED BY**

Shari Reffi

HOSPITAL NAME

Walker Valley VH

REFERRING VET

Dr. Barnhorst

INVOICE

78284

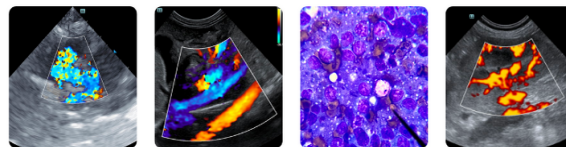
DATE

6/2/26

CYTOLOGY IMAGE



This is an image demonstrating a representative field of most of the cells collected from the spleen in Lola. There are large numbers of nucleated red blood cells with scattered neutrophils and one large lymphoid cell.



PATIENT

Lola McComb

SPECIES

Canine

BREED

Golden Retriever

SEX

Spayed female

AGE

7 years

WEIGHT

82 lbs

INTERPRETED BY

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

**IMAGING
PERFORMED BY**

Shari Reffi

HOSPITAL NAME

Walker Valley VH

REFERRING VET

Dr. Barnhorst

INVOICE

78284

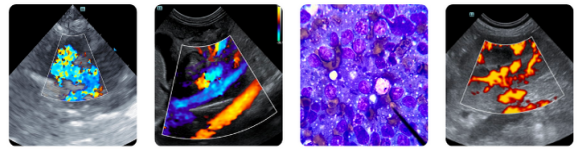
DATE

6/2/26



This is an image of another field of cells demonstrating several large lymphoid cells with a mitotic figure interspersed through red cells and nucleated red blood cells with neutrophils collected from the spleen in Lola.

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.



PATIENT

Lola McComb

SPECIES

Canine

BREED

Golden Retriever

SEX

Spayed female

AGE

7 years

WEIGHT

82 lbs

INTERPRETED BY

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

**IMAGING
PERFORMED BY**

Shari Reffi

HOSPITAL NAME

Walker Valley VH

REFERRING VET

Dr. Barnhorst

INVOICE

78284

DATE

6/2/26

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

info@sonopath.com