



PATIENT

Tucker Bradbury

SPECIES

Canine

BREED

Labrador Retriever

SEX

MN

AGE

11 years

WEIGHT

85 lbs.

INTERPRETED BY

R. McKenzie Daniel, DVM,
DABVP (Canine and
Feline)

IMAGING

PERFORMED BY

Pamela Harrigan, RDCS

HOSPITAL NAME

Chase VC

REFERRING VET

Catherine Caffarella,
BVSc

INVOICE

13381

DATE

1/10/22

PRESENTING CLINICAL SIGNS

Presented with anorexia, lethargy, anemia. Enlarged spleen on palpation. Pertinent past history of cutaneous mast cell tumors removed. Limited study.

LIMITED ULTRASONOGRAPHIC EXAMINATION

The spleen exhibited marked generalized enlargement with mild asymmetrical lateral and medial capsule contour. Generalized to non-uniform hypoechoic splenic parenchyma with indistinct nodular changes. Medial folding of the caudal spleen was present. Subtle evidence of perisplenic reactive mesentery was noted.

Normal size and margination were present in the kidneys. A normal 1:3 cortex / medulla ratio was maintained. The medulla and cortices were uniform in texture with some increased echogenicity and loss of corticomedullary symmetry and definition expected for the age of the patient. No evidence of pelvic dilation was present. The left kidney measured 7.8 cm in length. The right kidney measured 7.5 cm in length.

The liver exhibited potential for mild generalized enlargement with normal structure and contour. The liver parenchyma was mildly nonuniform and hypoechoic to the spleen with a moderate coarse echotexture and subjective mild to benign parenchymal remodeling. The hepatic and portal vasculature were normal in appearance without signs of congestion.

The gallbladder was non distended in size with mild echogenic, nonmineralized biliary sludge, likely incidental. The cystic duct and common bile ducts were normal without evidence of dilation.

Multiple enlarged, hypoechoic medial iliac lymph nodes were present. The lymph nodes exhibited symmetrical to rounded margination with abnormal width: length ratio (>0.5). The enlarged lymph nodes were bordered by echogenic to reactive mesentery. An example of a lymph node measured 1.3 cm width.

ULTRASONOGRAPHIC FINDINGS

- Infiltrative splenic pattern
- Concurrent hypoechoic to swollen medial iliac lymphadenopathy
- Bilateral mild chronic renal changes
- Potential hepatomegaly exhibiting parenchymal remodeling

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The presentation of the spleen and medial iliac lymphadenopathy is consistent with multicentric round cell neoplasia. Multicentric mast cell neoplasia given the patient's history, lymphoma or other possible. Potential for early hepatic involvement cannot be definitively excluded. Further assessment may include hepatolymphatic FNA +/- liver, using a 25-gauge needle and assuming normal clotting status, for further assessment and staging with potential for oncology consult. Unfortunately, probable unfavorable long-term prognosis is indicated.



PATIENT

Tucker Bradbury

SPECIES

Canine

BREED

Labrador Retriever

SEX

MN

AGE

11 years

WEIGHT

85 lbs.

INTERPRETED BY

R. McKenzie Daniel, DVM,
 DABVP (Canine and
 Feline)

**IMAGING
 PERFORMED BY**

Pamela Harrigan, RDCS

HOSPITAL NAME

Chase VC

REFERRING VET

Catherine Caffarella,
 BVSc

INVOICE

13381

DATE

1/10/22



The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.



PATIENT

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.

Tucker Bradbury

SPECIES

R. McKenzie Daniel, DVM, DABVP (Canine / Feline Practice)
info@SonoPath.com

Canine

BREED

Labrador Retriever

SEX

MN

AGE

11 years

WEIGHT

85 lbs.

INTERPRETED BY

R. McKenzie Daniel, DVM,
DABVP (Canine and
Feline)

**IMAGING
PERFORMED BY**

Pamela Harrigan, RDMS

HOSPITAL NAME

Chase VC

REFERRING VET

Catherine Caffarella,
BVSc

INVOICE

13381

DATE

1/10/22