



PATIENT

Ralphie Joncas

SPECIES

Canine

BREED

Mixed

SEX

Neutered Male

AGE

11 Years

WEIGHT

46 Pounds

INTERPRETED BY

Eric Lindquist, DMV

DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Hannah Fearing

HOSPITAL NAME

Lanier AH

REFERRING VET

Dr. Hannah Fearing

INVOICE

39492

DATE

7/14/22

PRESENTING CLINICAL SIGNS

No change in eating or drinking. He has been a little less energetic. We took x-rays and saw an abdominal mass not sure if it is liver or spleen Veterinary Pet

Abnormal PE/Chem/CBC/UA Results: Veterinary Pet CBC/Chem: HCT (31.3), SDMA (16) UA: 1+ protein, UPC 0.2 Fecal: Neg 4Dx: Neg

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The **bladder** in this patient was mildly thickened with slight echogenic mural changes. No calculi or masses were noted. Slight micropolypoid changes were noted. This is a frequent finding in older animals and may be linked to a history of chronic urinary tract infection or active urinary tract infection.

Urinalysis would be recommended with culture if any evidence of inflammatory sediment is present.

The region of the trigone and visible pelvic urethra were normal. Trace amount of sand noted measuring approximately 3.0 mm.

The **kidneys** revealed normal size and structure, corticomedullary definition and ratio for this age. The cortices presented largely uniform texture with normal echogenic relationship to liver and spleen. Medullary structure differed distinctly from the cortex. The capsules were acceptably uniform without significant irregularities. The left kidney measured 6.5 cm with slight pyelectasia noted. The right kidney measured 6.5 cm.

Adrenal Glands

The regions of the **adrenal glands** were unremarkable.

Spleen

The **spleen** presented an undifferentiated mixed hypoechoic mass in the cranial abdomen, appears to be deriving from the spleen. Areas of cavitation present.

Liver

The visible **liver** revealed heterogeneous parenchymal changes, strongly suggestive for metastatic disease. Lymph nodes were enlarged, irregular and hypoechoic, appear to be hepatic, measuring up to 3.0 cm.

Gastrointestinal

Examination of the **gastrointestinal tract** revealed a stomach and intestine free of stasis, of normal wall thickness, acceptable curvilinear mural detail, and peristaltic activity. Small and large intestine demonstrated normal luminal chyme and stool consistency respectively. No obstructive or overt infiltrative disease was noted. No associated abnormal lymphatic activity was noted.

Pancreas

The base and limbs of the **pancreas** were observed to be largely isoechoic to surrounding omental fat. Pancreatic duct and capsular contour were acceptably normal and parenchyma respected normal curvilinear patterns. No overt evidence of active inflammatory or neoplastic disease was noted.

PRIMARY FINDINGS

- Splenohepatic neoplasia with hepatic lymphadenopathy – suspect round cell neoplasia, possibility of hemangiosarcoma.



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SECONDARY FINDINGS

- Thickened urinary bladder

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

FNA of the splenic mass, liver and hepatic lymph nodes recommended. FNA indicated from both right and left intercostal approach.

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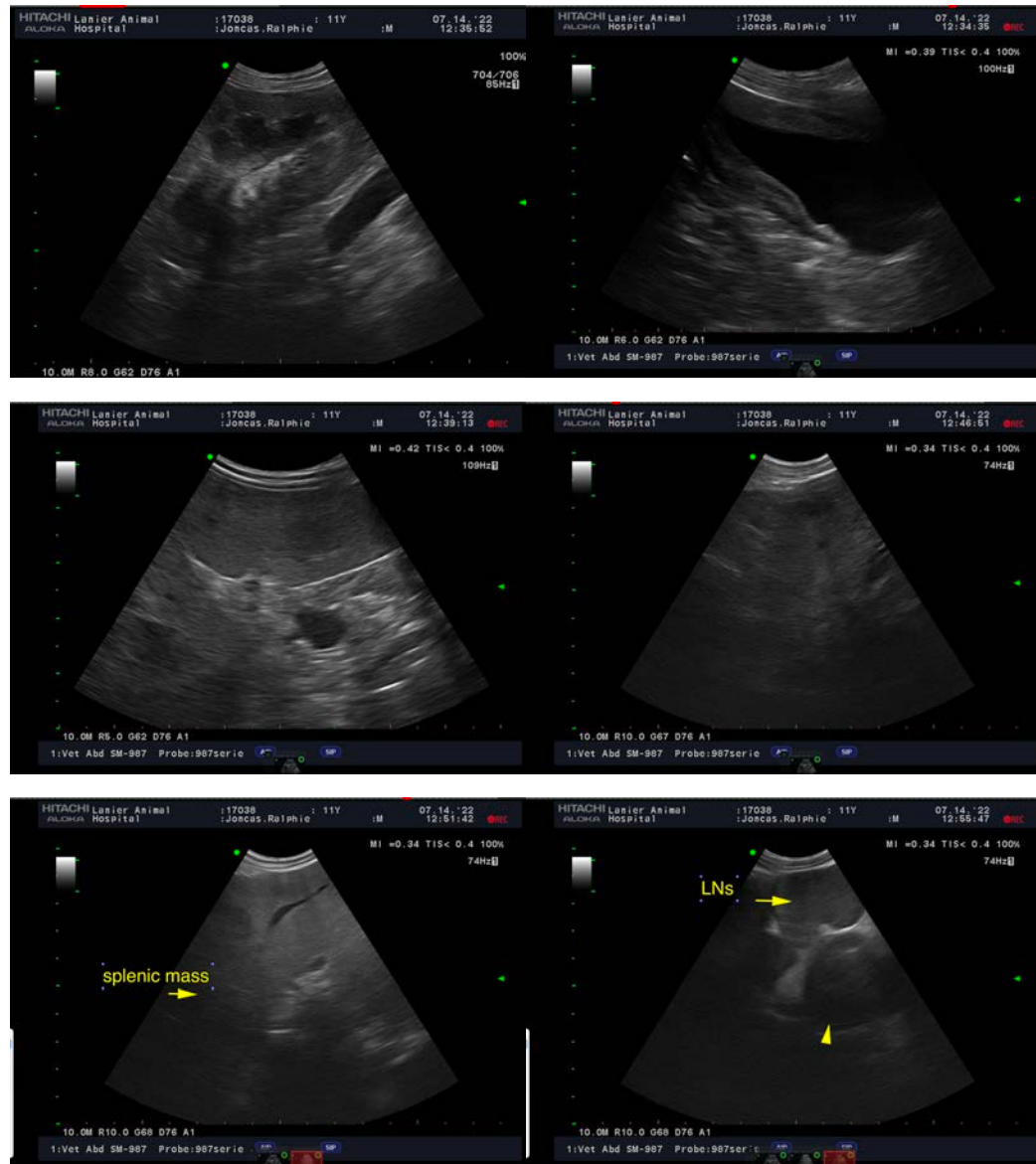
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

Eric Lindquist, DMV, DABVP, Cert. IVUSS, CEO of SonoPath.com info@SonoPath.com