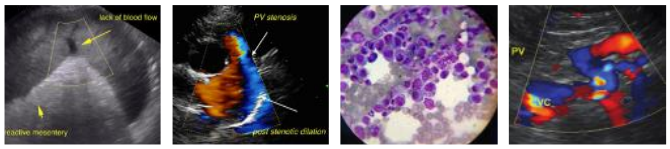
SonoPath
Clinical Sonography & Telecytology
EDUCATIONAL TELECONSULTATION SERVICES™



SonoPath.com
1-800-838-4268 info@sonopath.com

PATIENT

Jules Po-lel

SPECIES

Canine

BREED

Labrador

SEX

Neutered Male

AGE

13 Years

WEIGHT

63.6 Pounds

INTERPRETED BY

Eric Lindquist, DMV DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Eric Lindquist, DMV DABVP, Cert. IVUSS

HOSPITAL NAME

Andover AH

REFERRING VET

Dr. Hummer

INVOICE

12713

DATE

8/24/21

PRESENTING CLINICAL SIGNS

History: Mild anemia, R/O neoplasia.

Current Meds: Carprovet 75 g

CBC/Chem Findings: H.G. 10.3, HCT 31%, RBC 4.3

Urine Spec Gravity: 1.036

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The **urinary bladder**, trigone, and pelvic urethra presented normal thicknesses and normal tone. The ureters were not visible which is normal. No uroliths or sediment were visualized and anechoic urine was present. No evidence of inflammatory or neoplastic changes were noted. Ureteral papillae were normal. The pelvic urethra was imaged 2.0 cm beyond the cystourethral junction.

The **kidneys** revealed largely normal size and structure, corticomedullary definition and ratio (cortex 1/3 of medulla) were essentially maintained with some mild age-related loss of curvilinear patterns regarding the capsule and C/M junction. The cortices presented largely uniform texture with some increased echogenicity expected for his age patient. Medullary structure differed distinctly from that of the cortex and no evidence of pelvic dilation was present. The left kidney measured 5.96 cm. The right kidney measured 6.3 cm.

Adrenal Glands

The **adrenal glands** were not visualized owing to the necessity to push on the splenic mass to visualize the adrenals and therefore they were not imaged. The technique to image the adrenals would have been precarious for the spleen.

Spleen

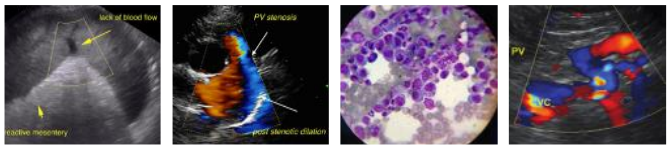
The **spleen** revealed multiple masses, the largest of which measured 10.5 cm with areas of micro- and macro-cavitation.

Liver

The **liver** images from right and left intercostal as well as subcostal views revealed subjectively normal liver size, contour, and structure. Vascular and biliary tracts were of normal volume and no evidence of congestion was noted. The gallbladder presented some dependent debris with essentially normal contour. The cystic and common bile ducts were normal. No overt evidence of active inflammatory, infiltrative or regenerative pathology was noted but should be paired with current or past LE elevations regarding any clinical significance to this presentation. The hepatic lymph nodes were unremarkable. Trace amounts of free fluid were noted and slight heterogeneous parenchymal changes. No obvious metastatic disease, however, early micrometastasis cannot be ruled out.

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



SonoPath.com
1-800-838-4268 info@sonopath.com

PATIENT

Jules Po-lel

SPECIES

Canine

BREED

Labrador

SEX

Neutered Male

AGE

13 Years

WEIGHT

63.6 Pounds

INTERPRETED BY

Eric Lindquist, DMV DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Eric Lindquist, DMV DABVP, Cert. IVUSS

HOSPITAL NAME

Andover AH

REFERRING VET

Dr. Hummer

INVOICE

12713

DATE

8/24/21

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.

Heart

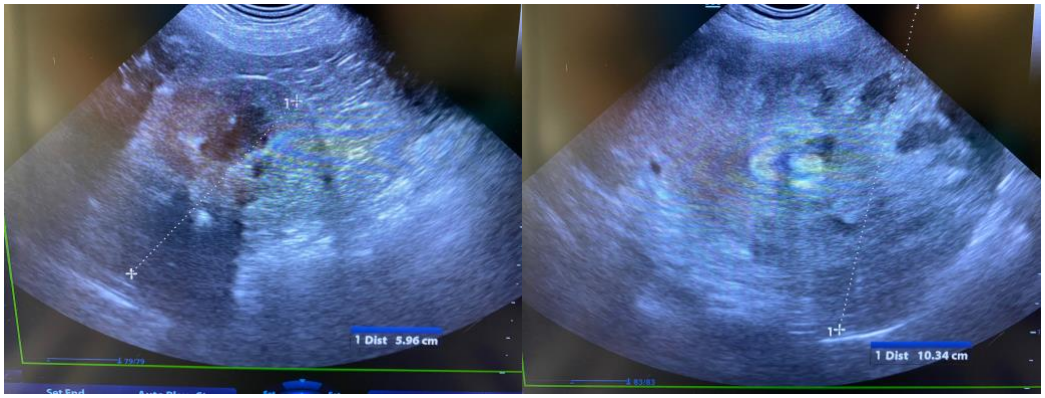
A rapid view of the **heart** revealed no evident pathology.

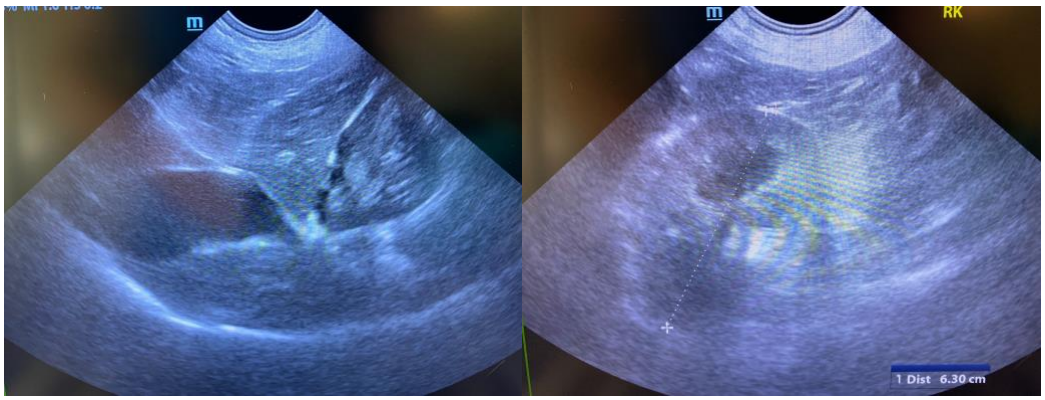
ULTRASONOGRAPHIC FINDINGS

- Splenic masses, the largest measured 10.5 cm, cavitated
- Slight free fluid, concern for hemangiosarcoma with early hemorrhage
- Age-related renal changes
- Age-related hepatic changes with heterogeneous parenchymal changes

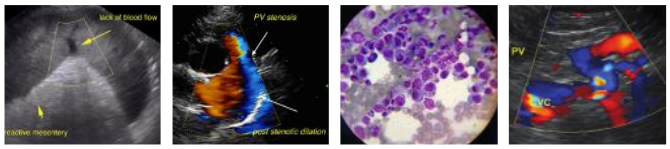
INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

No obvious disease, however, early metastasis to the liver cannot be entirely ruled out. I recommend 3 view chest radiographs followed by exploratory surgery. Prognosis is guarded. Suspect hemangiosarcoma. Benign hematoma possible, yet less likely.





SonoPath
Clinical Sonography & Telecytology
EDUCATIONAL TELECONSULTATION SERVICES™



SonoPath.com
1-800-838-4268 info@sonopath.com

PATIENT

Jules Po-lel

SPECIES

Canine

BREED

Labrador

SEX

Neutered Male

AGE

13 Years

WEIGHT

63.6 Pounds

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

HOSPITAL NAME

Andover AH

REFERRING VET

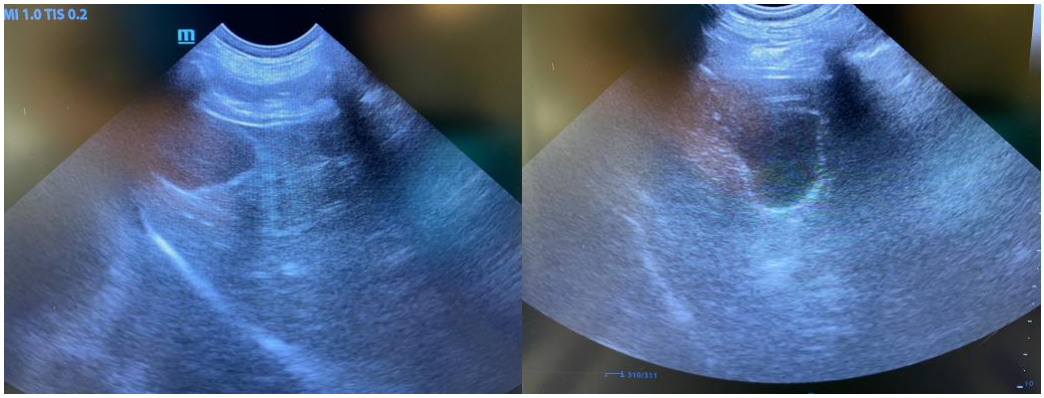
Dr. Hummer

INVOICE

12713

DATE

8/24/21



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.

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