



PATIENT

Delray Olson

SPECIES

Canine

BREED

Labrador Retriever

SEX

Neutered male

AGE

11 years

WEIGHT

27.67 kg

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Mariusz
Chmielinski

HOSPITAL NAME

Apex Veterinary
Services

REFERRING VET

VetDirect/ Dr.
Bregliano

INVOICE

69213

DATE

12/2/25

PRESENTING CLINICAL SIGNS

History: Delray underwent splenectomy for a previously identified splenic mass. Recently diagnosed with lymphoma.

Abnormal PE/Chem/CBC/UA Results: General: Quiet, alert, oriented, friendly, Vital WNL, Abdominal Palpation: Soft, non-painful, generalized lymphadenopathy.

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 was noted. Ureteral papillae were normal.

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 and no evidence of pelvic dilation was present. The capsules were acceptably uniform without significant irregularities. The right kidney measured 7.4 cm. The left kidney measured 7.91 cm.

The iliac lymph nodes were enlarged and rounded measuring up to 3.84 x 1.6 cm. A separate 6.0 cm x 3.3 cm sublumbar lymph node was noted.

Adrenal Glands

Both **adrenal glands** were visualized and recognized as having normal shape, size, position and echogenicity for this breed. The phrenic vasculature, glandular echogenicity and detail were unremarkable. Capsule, cortex, and medullary definition were normal for this age patient. The right adrenal gland measured 0.81 cm at the caudal pole and 0.49 cm at the cranial pole. The left adrenal gland measured 0.73 cm at the caudal pole and 0.59 cm at the cranial pole.

Spleen

The **spleen** was not visualized as it was previously removed. The region of the splenic was unremarkable other than enhanced mesentery.

Liver

The **liver** revealed increased portal markings and swollen contour. The gallbladder and common bile duct were unremarkable.



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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. Variable intestinal thickening was noted with reactive mesentery. The midabdominal lymph nodes were enlarged.

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.

Free Abdomen

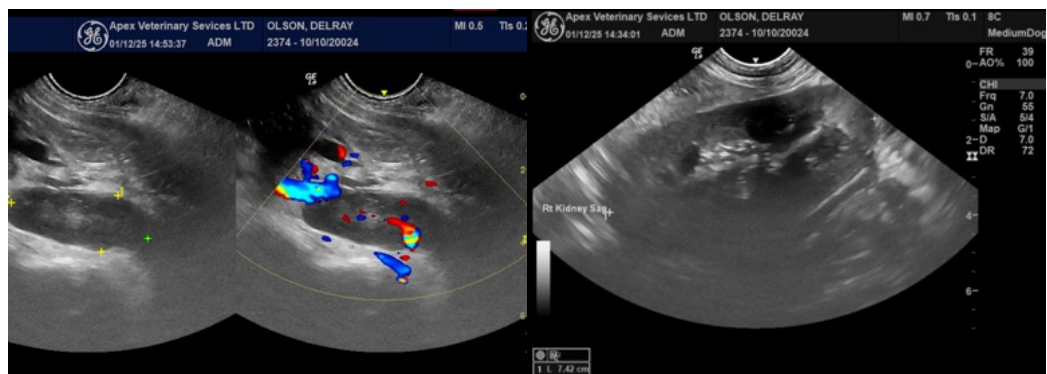
Reactive mesentery was noted along with slight areas of free fluid noted.

ULTRASONOGRAPHIC FINDINGS

Multi-centric round cell neoplastic pattern involving the iliac lymph nodes.
Free fluid owing to lymphatic congestion, potential hepatic involvement.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

FNA of the lymph nodes and liver are indicated.





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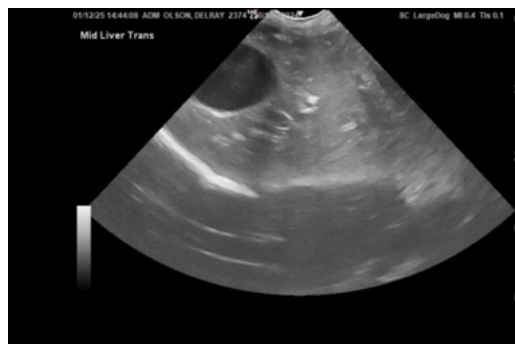
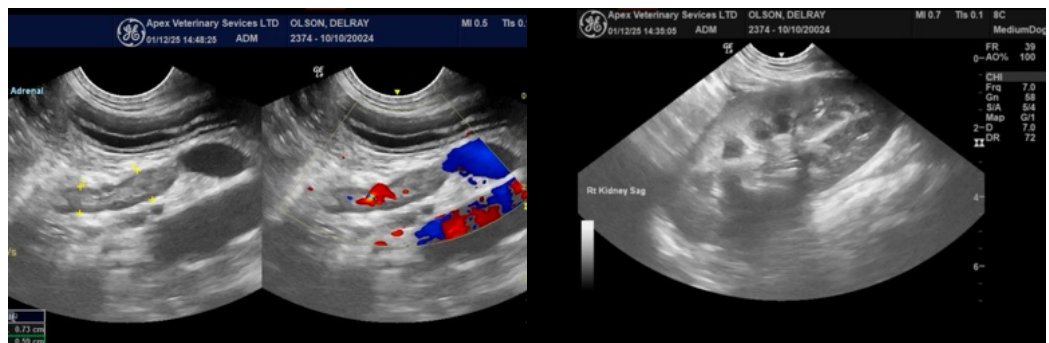
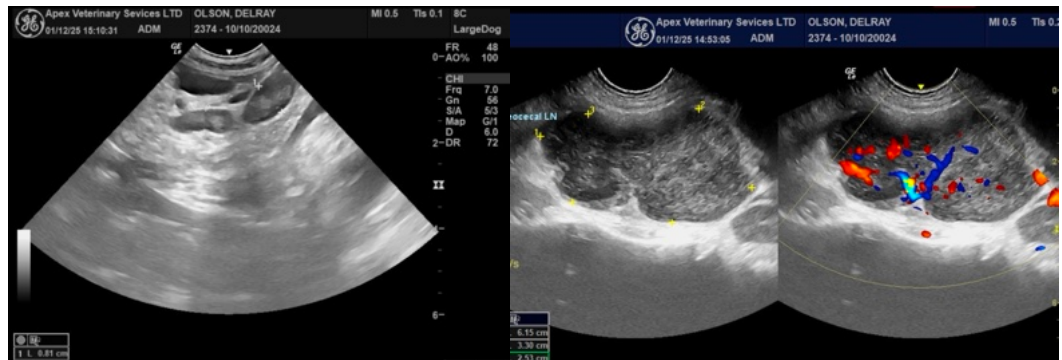
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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 (CFM), Cert. IVUSS, CEO of SonoPath.com

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