



PATIENT

TJ Quire

SPECIES

Canine

BREED

Terrier Mix

SEX

Neutered male

AGE

13 years

WEIGHT

10 kg

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Gaynor

HOSPITAL NAME

Lambertville VC

REFERRING VET

Dr. Gaynor

INVOICE

40011

DATE

10/10/22

PRESENTING CLINICAL SIGNS

History: Approximately 3 week duration of vomiting and diarrhea in the house. O also noted PU/PD and being very restless. Eating normally with no change in diet.

Abnormal PE/Chem/CBC/UA Results: On 10/7/22 - 2 pound weight loss since August 2022. Abdomen slightly distended and painful on palpation of cranial abdomen. Urinalysis and CBC were unremarkable that day. Chemistry revealed BUN 54 (7-27 mg/dL), ALT 621 (10-121 U/L), ALP 917 (U/L).

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 largely normal size and structure, corticomedullary definition and ratio (cortex 1/3 of medulla) were essentially maintained with some 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 4.38 cm. The right kidney measured 4.32 cm.

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 left adrenal gland measured 1.64 x 0.63 cm at the caudal pole and 0.53 cm at the cranial pole. The right adrenal gland measured 2.03 x 0.51 cm at the caudal pole and 0.45 cm at the cranial pole.

Spleen

The **spleen** presented a smooth homogeneous parenchyma hyperechoic to liver and renal cortical parenchyma. The capsule was smooth without noticeable expansion or deviation from within the spleen or adjacent pathology. The splenic vasculature demonstrated normal volume without signs of congestion or thrombosis. No sonographic evidence of acute or chronic inflammatory, neoplastic, or infarctual changes was noted.

Liver

The **left liver** revealed an expansive, mixed echogenic mass that measured 10+ cm and occupied the majority of the left liver with some adjacent nodules. The right liver was largely unremarkable. Some vascular congestion was noted associated with the mass. The portal hilus was free of evident pathology. 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. 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.

ULTRASONOGRAPHIC FINDINGS

Left-sided liver mass.

Moderate degenerative renal changes.

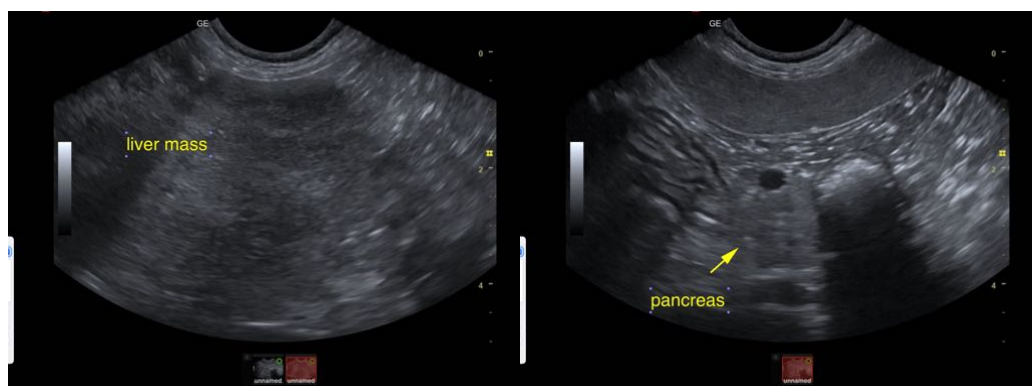
INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The left sided liver mass appears resectable with full left liver lobectomy. CT evaluation for surgical planning would be ideal. FNA of the liver mass is warranted, carcinoma is suspected. Hepatoma with degenerative changes is possible.

ABOUT SONOPATH CT SERVICES:

SonoPath CT Services are offered at the [Blairstown Animal Hospital](#). Blairstown animal hospital is just a 30-minute drive west on route 80 from the route 80/287 interchange/Parsippany, New Jersey. More information can be found at

<https://sonopath.com/resources/sonopaths-teleconsultation-services-and-sdep-certification/sonopath-ct-services>





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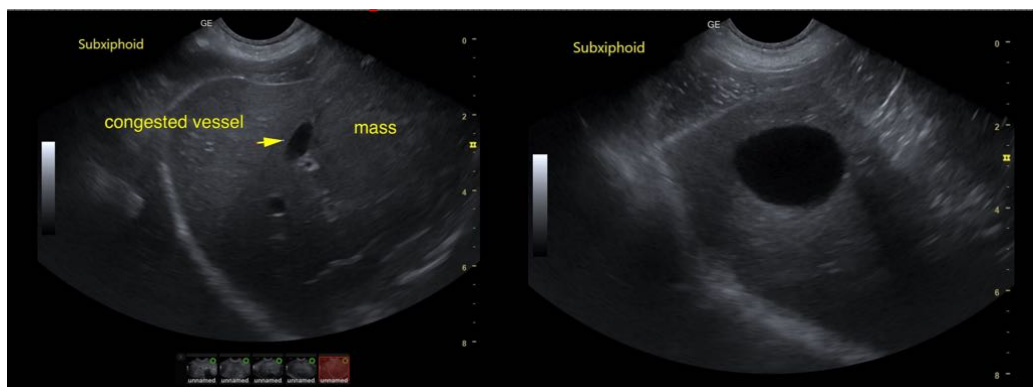
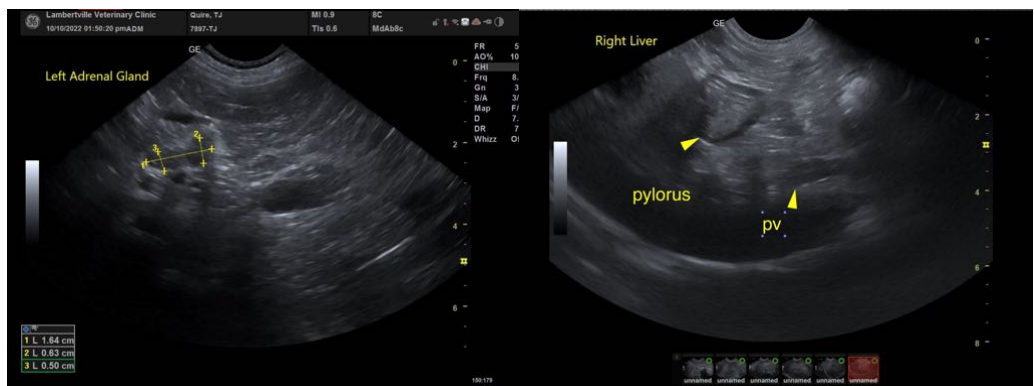
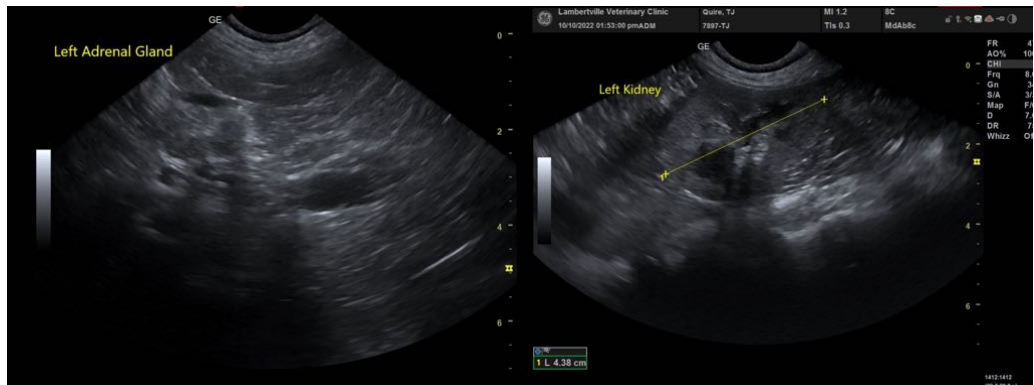
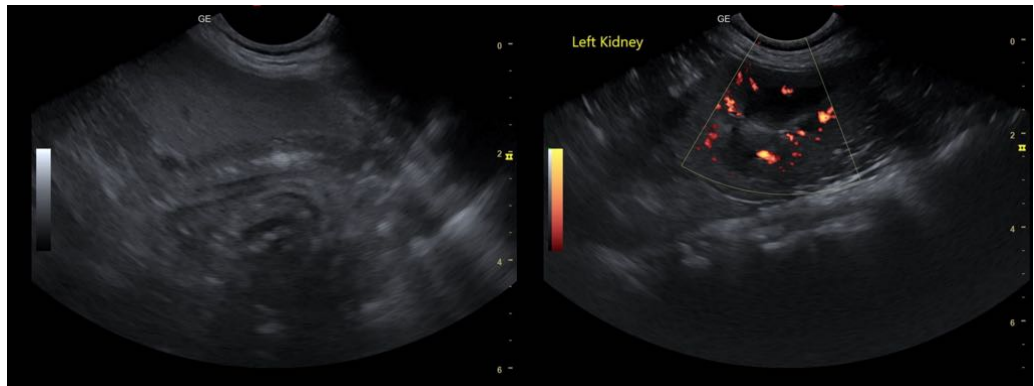
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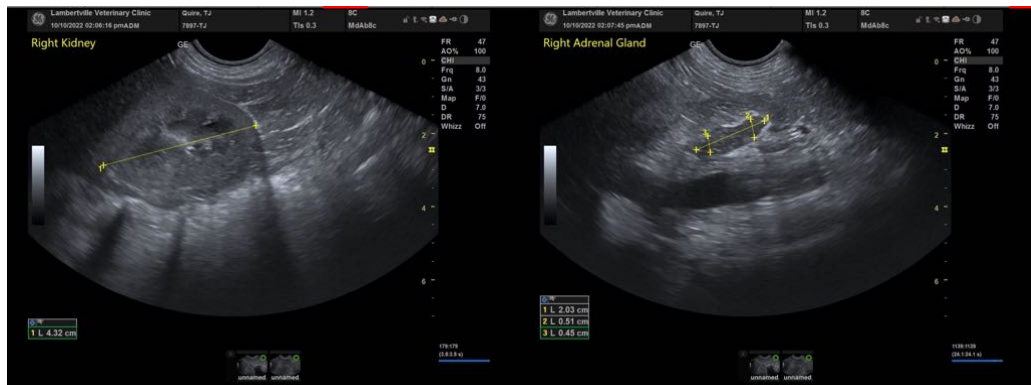
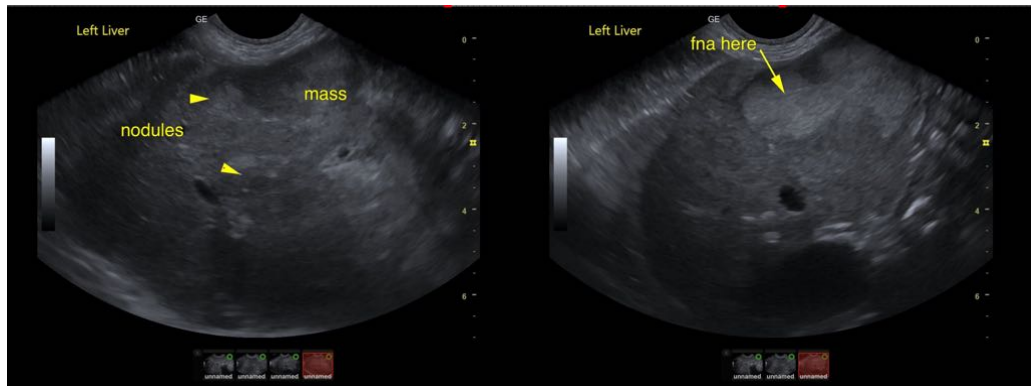
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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