

PATIENT

Helga Loeb

SPECIES

Canine

BREED

Terrier Mix

SEX

Spayed femlae

AGE

7 years

WEIGHT

18 kg

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Hayley Gaynor

HOSPITAL NAME

Lambertville VC

REFERRING VET

Dr. Gaynor

INVOICE

74980

DATE

4/29/26

PRESENTING CLINICAL SIGNS

History: -approximately 3 month history of polydypsia, no polyuria noted per owner
-No other concerns

PE 4/15/26: BCS 7/9; abdomen round, potbelly; mild dental calculs _BW 4/15/26: Elevated ALP (667); hypercholesterolemia; hypertriglyceridemia

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 **left kidney** 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 capsule was acceptably uniform without significant irregularities. The left kidney measured 6.4 cm.

The **right kidney** revealed severe, near complete hydronephrosis measuring 7.5 cm with echogenic fluid filled pelvis. The right renal pelvis revealed a 3.7 x 2.0 cm mass that appeared to be obstructing the right ureter. However, the post mass ureter was also dilated up to 1.0 cm.

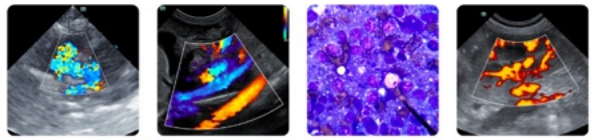
Adrenal Glands

The **left adrenal gland** was 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 2.58 x 0.45 cm at the caudal pole and 0.67 cm at the cranial pole.

The **right adrenal gland** was nodular and appeared to be separate from the right kidney; however, I cannot completely rule out a connection between the right adrenal and right renal pelvic mass.

Spleen

The **spleen** presented a smooth homogeneous parenchyma hyperechoic to liver and renal cortical parenchyma. The spleen revealed uniform enlargement with a smooth capsule without noticeable expansion or deviation from within the spleen or adjacent pathology. The spleen was folded upon itself cranially. The splenic vasculature demonstrated normal volume without signs of congestion or thrombosis.



PATIENT

Helga Loeb

SPECIES

Canine

BREED

Terrier Mix

SEX

Spayed femlae

AGE

7 years

WEIGHT

18 kg

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Hayley Gaynor

HOSPITAL NAME

Lambertville VC

REFERRING VET

Dr. Gaynor

INVOICE

74980

DATE

4/29/26

Liver

Exam of the cranial abdomen demonstrated excessive **liver** size, swollen contour, with conserved uniform architecture. Parenchymal echogenicity was diffusely isoechoic to the spleen and falciform fat. Minor excessive GB debris was noted with the presence gall bladder dilation and precipitate without the overt formation of mucocele but this may be an issue in the future. This type of liver presentation typically is associated with slow and gradual SAP elevations with low-grade ALT rise. USG-FNA sampling is encouraged if more aggressive LE profiles are present such as ALT > 200 or rapid rise in SAP. These presentations are usually reactive hepatopathies owing to other disease processes either endocrine (Diabetes, Hypothyroidism, Cushing's disease), "antigen surveillance" from the gut/pancreas, or idiopathic breed predisposed progressions.

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

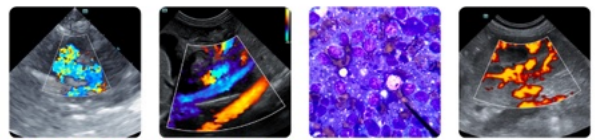
The base and limbs of the **pancreas** were observed to be largely isoechoic to surrounding omental fat. Pancreatic duct and capsular contour were acceptably normal and parenchyma respected normal curvilinear patterns. No overt evidence of active inflammatory or neoplastic disease was noted.

ULTRASONOGRAPHIC FINDINGS

Obstructive right renal mass with separate nodular right adrenal, possibly linked pathology.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

CT evaluation or direct exploratory surgery with expectations towards right adrenalectomy and right nephrectomy is indicated. Given the pattern of the pathology I am concerned for carcinoma involving the right kidney and/or right adrenal.



PATIENT

Helga Loeb

SPECIES

Canine

BREED

Terrier Mix

SEX

Spayed femlae

AGE

7 years

WEIGHT

18 kg

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Hayley Gaynor

HOSPITAL NAME

Lambertville VC

REFERRING VET

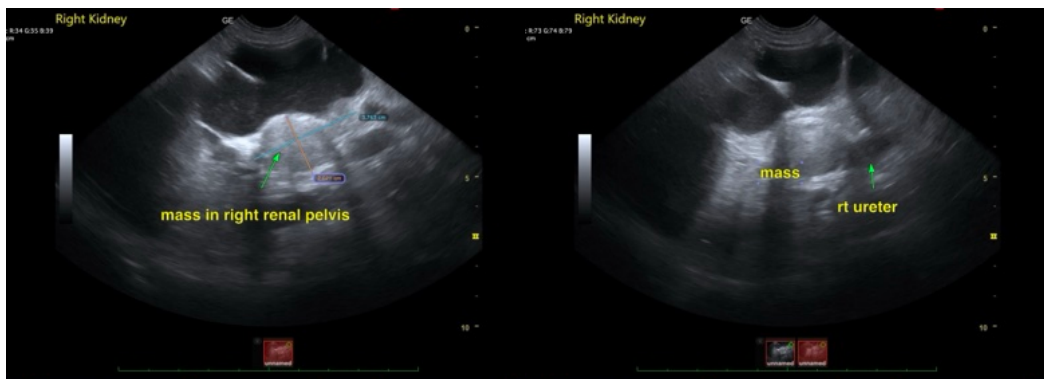
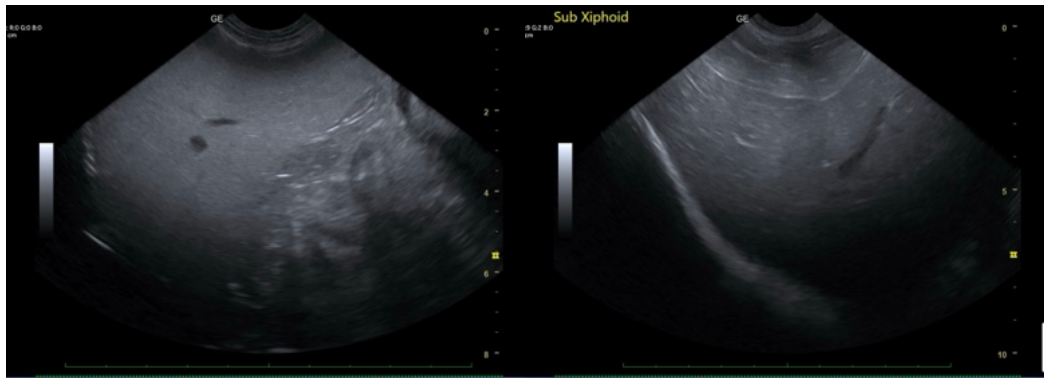
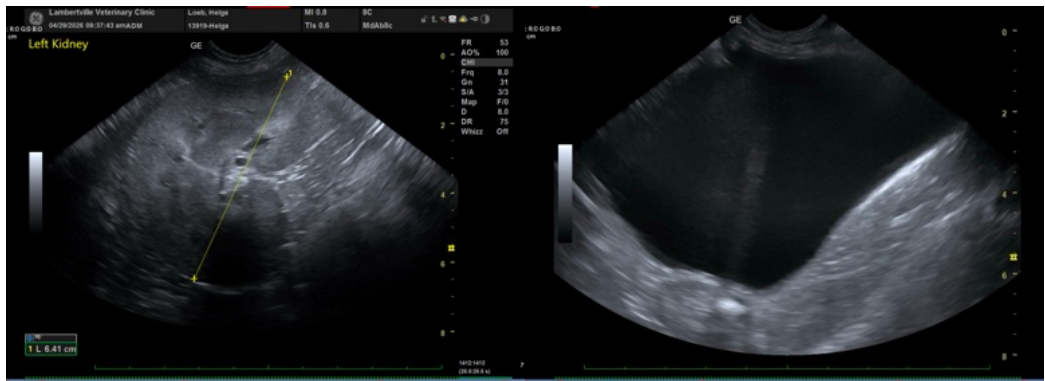
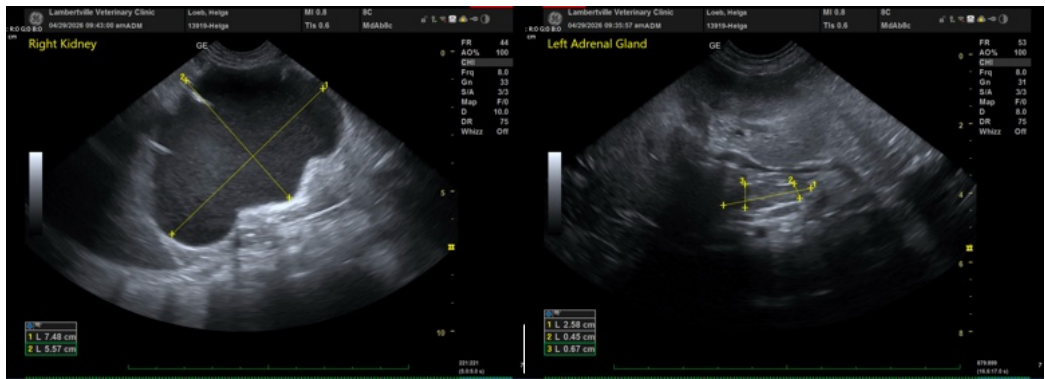
Dr. Gaynor

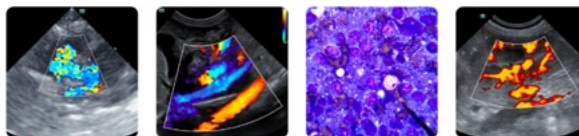
INVOICE

74980

DATE

4/29/26





PATIENT

Helga Loeb

SPECIES

Canine

BREED

Terrier Mix

SEX

Spayed femlae

AGE

7 years

WEIGHT

18 kg



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

info@SonoPath.com

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Hayley Gaynor

HOSPITAL NAME

Lambertville VC

REFERRING VET

Dr. Gaynor

INVOICE

74980

DATE

4/29/26