

PATIENT

Sophie Torres

SPECIES

Canine

BREED

Bichon Mix

SEX

Spaed female

AGE

10 years

WEIGHT

9.6 kg

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Gaynor

HOSPITAL NAME

Lambertville VC

REFERRING VET

Dr. Gaynor

INVOICE

73564

DATE

3/18/26

PRESENTING CLINICAL SIGNS

- 3 day history of vomiting when eats or drinks, lethargic
- Not current on any vaccines since 2018
- Chem/CBC: ALT, ALP(no numerical values on our machine, was wanting to dilute sample),GGT, Tbili elevated; hyperproteinemia, hyperglobulinemia, mild hyponatremia CBC: leukocytosis with neutrophilia and monocytosis

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. The bladder revealed at least two separate calculi that measured 0.56 cm and 0.67 cm. No evidence of inflammatory or neoplastic changes was noted. Ureteral papillae were normal.

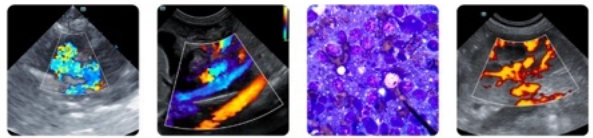
The **kidneys** revealed largely normal size and structure, corticomedullary definition and ratio (cortex 1/3 of medulla) were essentially maintained with some age-related loss of curvilinear patterns regarding the capsule and C/M junction. The cortices presented largely uniform texture with some increased echogenicity expected for this age patient. Medullary structure differed distinctly from that of the cortex and no evidence of pelvic dilation was present. Occasional cortical cysts were noted. Pelvic calculi were noted in the left kidney and measured up to 0.57 cm. The left kidney measured 5.13 cm. The right kidney measured 5.47 cm. Blood flow to the kidneys appeared to be adequate on power Doppler assessment.

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 1.97 x 0.5 cm at the caudal pole and 0.52 cm at the cranial pole. The right adrenal gland measured 1.64 x 0.51 cm at the caudal pole and 0.4 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.



PATIENT

Sophie Torres

SPECIES

Canine

BREED

Bichon Mix

SEX

Spaed female

AGE

10 years

WEIGHT

9.6 kg

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Gaynor

HOSPITAL NAME

Lambertville VC

REFERRING VET

Dr. Gaynor

INVOICE

73564

DATE

3/18/26

Liver

The **liver** was uniformly swollen with minor, excessive gallbladder debris and over distension with dependent and suspended bile without evidence of overt mucocele formation. However, excessive sludge was present. The gallbladder revealed minor congestion. The liver presented coarse architecture with mildly increased portal markings and subtle, mixed echogenic changes. This is consistent with vacuolar hepatopathy and some level of remodeling and history of inflammatory component. There was no overt suspicion of neoplasia.

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

Structurally unremarkable benign hepatopathy.

Bladder calculi.

Age related renal changes with non-obstructive mineralization.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The patient is likely passing calculi periodically. Given the liver enzyme elevations acute insult such Leptospirosis should be considered. FNA of the liver is indicated. Leptospirosis titers are warranted. There was no evidence or suspicion of neoplasia and no structural evidence of post hepatic obstruction.



PATIENT

Sophie Torres

SPECIES

Canine

BREED

Bichon Mix

SEX

Spaed female

AGE

10 years

WEIGHT

9.6 kg

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Gaynor

HOSPITAL NAME

Lambertville VC

REFERRING VET

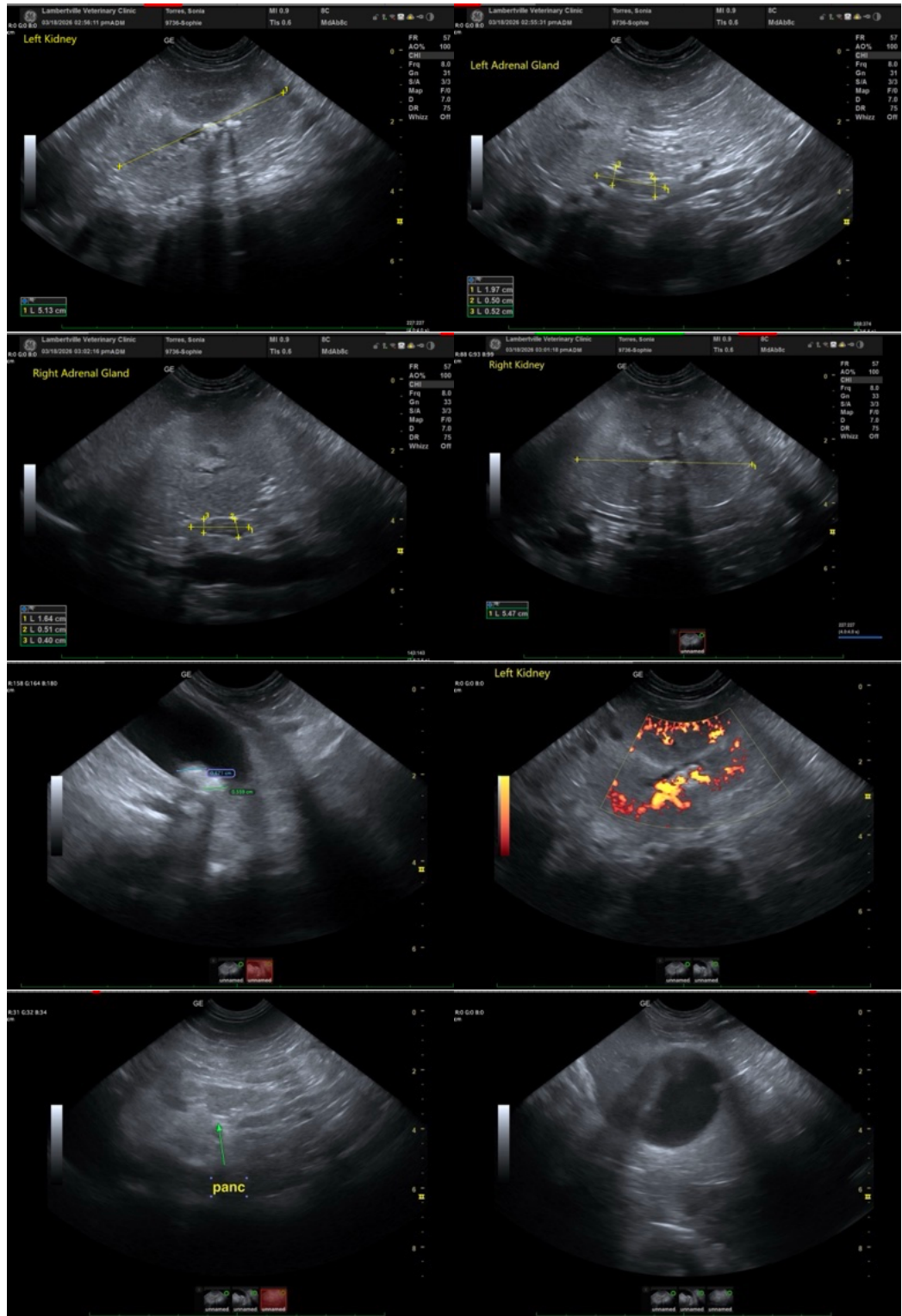
Dr. Gaynor

INVOICE

73564

DATE

3/18/26





PATIENT

Sophie Torres

SPECIES

Canine

BREED

Bichon Mix

SEX

Spaed female

AGE

10 years

WEIGHT

9.6 kg

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Gaynor

HOSPITAL NAME

Lambertville VC

REFERRING VET

Dr. Gaynor

INVOICE

73564

DATE

3/18/26

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