

PATIENT

Lilo Hurtado

SPECIES

Canine

BREED

Mix

SEX

Spayed Female

AGE

12 Years

WEIGHT

7.14 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert IVUSS

IMAGING PERFORMED BY

Denise Bruno, LVT,
RDMS

HOSPITAL NAME

Kenilworth AH

REFERRING VET

Dr. Mansour

INVOICE

34236

DATE

01/13/22

PRESENTING CLINICAL SIGNS

History: Coughing and decreased appetite.

Abdomen X-Ray show enlarged liver and spleen

Echo pending

Evaluate liver + spleen for neoplasia

ALP 340, bloodwork unremarkable otherwise.

Radiographs: Irregular hepatomegaly.

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The **bladder** in this patient was mildly thickened with slight echogenic mural changes. No calculi or masses were noted. Slight micropolypoid changes were noted. This is a frequent finding in older animals and may be linked to a history of chronic urinary tract infection or active urinary tract infection. Urinalysis would be recommended with culture if any evidence of inflammatory sediment is present. The region of the trigone and visible pelvic urethra 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. Slight pyelectasia noted in the left kidney. The left kidney measured 3.21 cm. The right kidney measured 3.5 cm.

Adrenal Glands

The **right 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 right adrenal gland measured 1.31 cm x 0.60 cm at the caudal pole and 0.37 cm at the cranial pole.

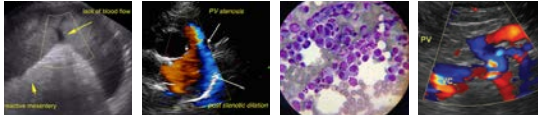
The **left adrenal gland** revealed an expansive nodule measuring 0.76 cm, deriving from the cranial pole. The caudal pole measured 0.57 cm. Length measured 1.91 cm.

Spleen

The **spleen** presented a smooth homogeneous parenchyma hyperechoic to liver and renal cortical parenchyma. The spleen was folded upon itself. 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 were noted.

Liver

The **liver** was enlarged with fairly uniform parenchyma. The gallbladder appeared to be vestigial and small, yet not overtly pathological.



PATIENT

Lilo Hurtado

SPECIES

Canine

BREED

Mix

SEX

Spayed Female

AGE

12 Years

WEIGHT

7.14 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert IVUS

IMAGING PERFORMED BY

Denise Bruno, LVT,
RDMS

HOSPITAL NAME

Kenilworth AH

REFERRING VET

Dr. Mansour

INVOICE

34236

DATE

01/13/22

Gastrointestinal

Gastric stasis noted. The mid small intestine revealed a mildly vascular luminal mass that appeared to be deriving from the mucosa. The mass measured approximately 2.0 cm. Variable small intestinal thickening noted with areas of reactive mesentery and partial obstructive pattern.

Pancreas

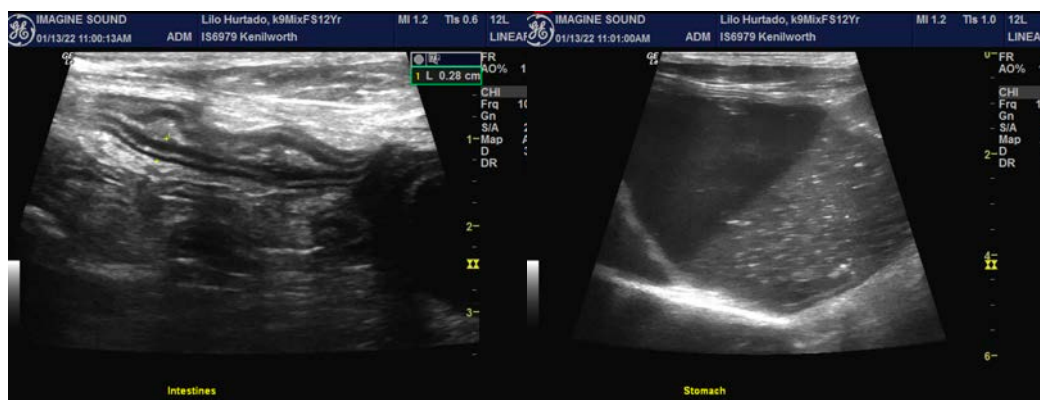
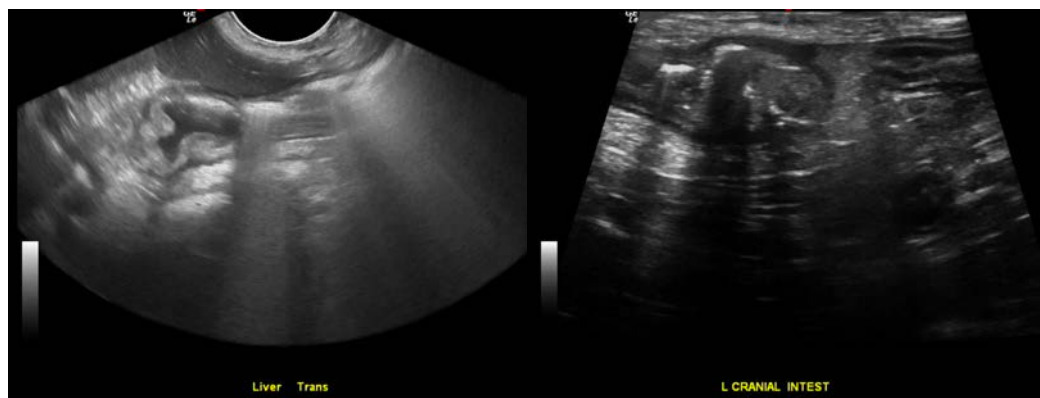
The base and limbs of the **pancreas** were observed to be largely isoechoic to surrounding omental fat. Pancreatic duct and capsular contour were acceptably normal and parenchyma respected normal curvilinear patterns. No overt evidence of active inflammatory or neoplastic disease was noted.

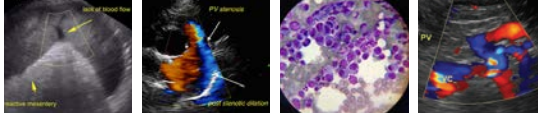
ULTRASONOGRAPHIC FINDINGS

- Gastrointestinal obstructive pattern with luminal intestinal mass
- Left adrenal adenoma
- Benign hepatopathy

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Surgical resection with intestinal biopsies recommended. Leiomyosarcoma, carcinoma, granulomatous disease all possible.





PATIENT

Lilo Hurtado

SPECIES

Canine

BREED

Mix

SEX

Spayed Female

AGE

12 Years

WEIGHT

7.14 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert IVUS

IMAGING PERFORMED BY

Denise Bruno, LVT,
RDMS

HOSPITAL NAME

Kenilworth AH

REFERRING VET

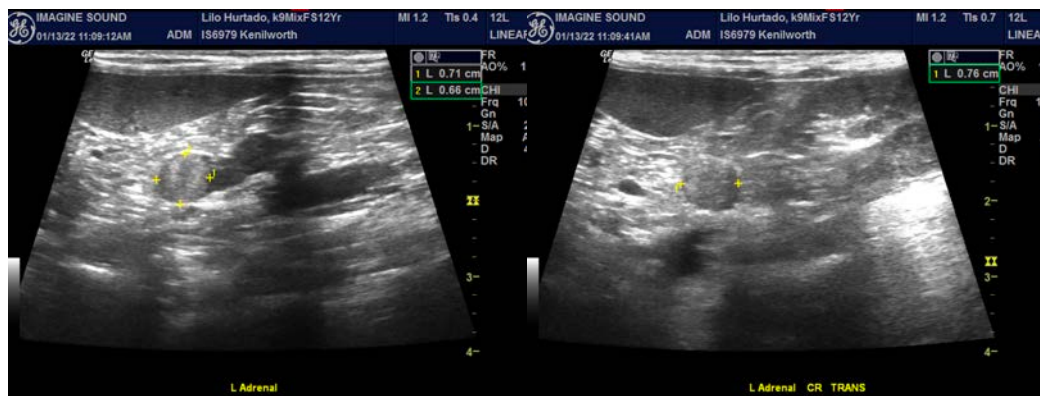
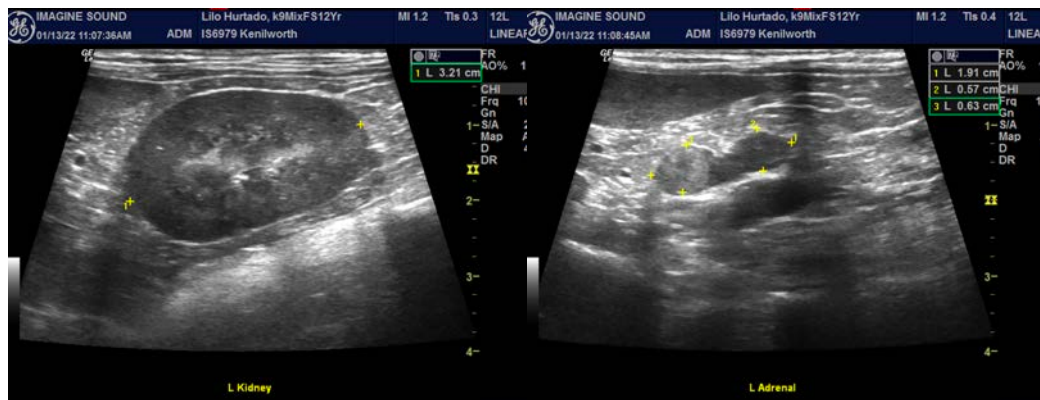
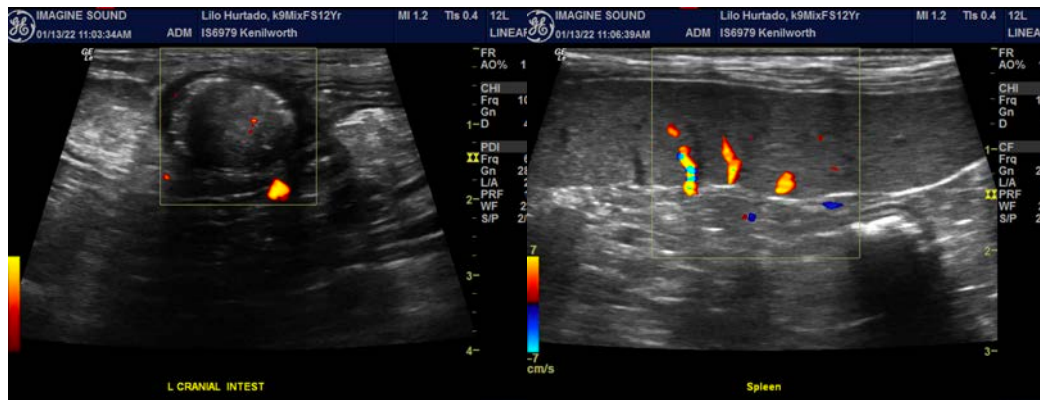
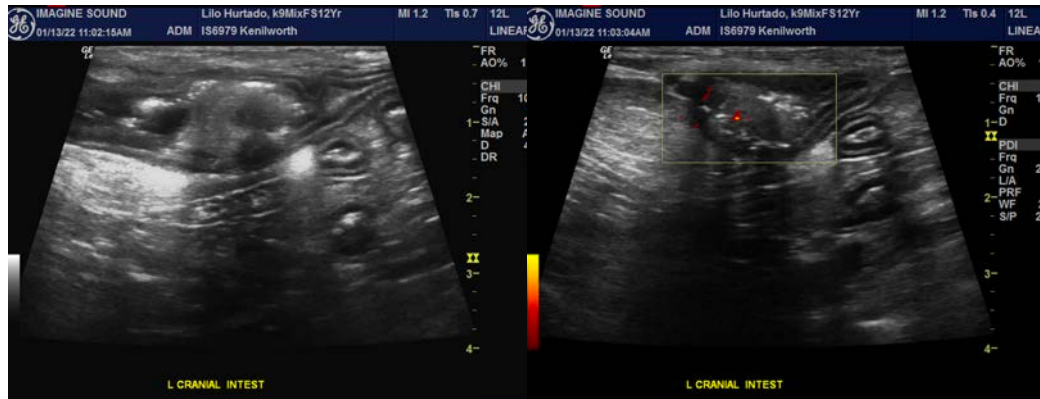
Dr. Mansour

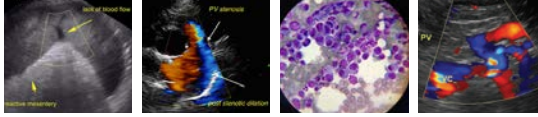
INVOICE

34236

DATE

01/13/22





PATIENT

Lilo Hurtado

SPECIES

Canine

BREED

Mix

SEX

Spayed Female

AGE

12 Years

WEIGHT

7.14 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert IVUSS

IMAGING PERFORMED BY

Denise Bruno, LVT,
RDMS

HOSPITAL NAME

Kenilworth AH

REFERRING VET

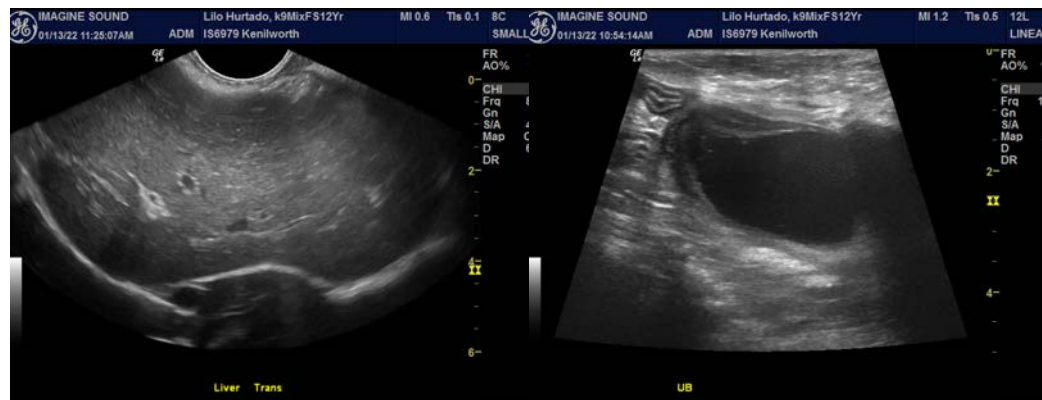
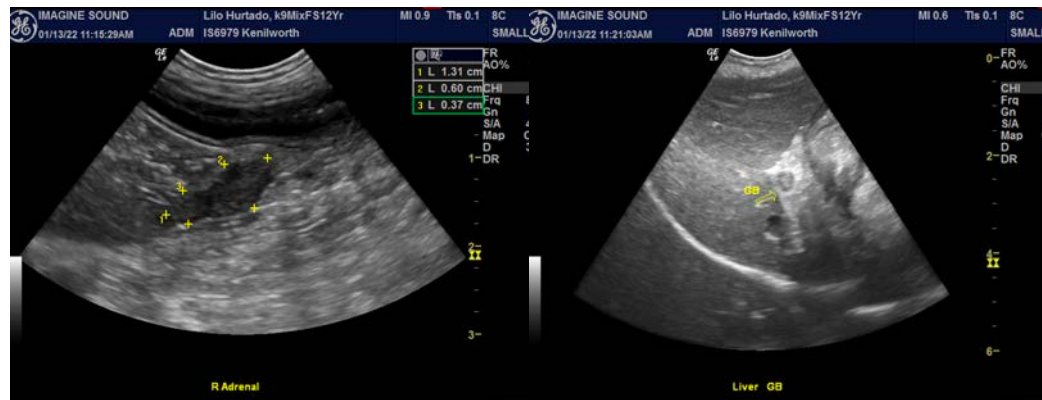
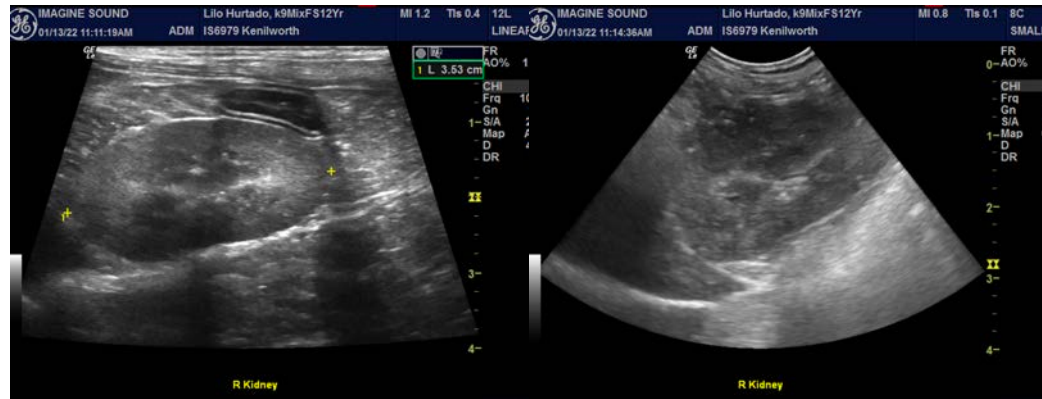
Dr. Mansour

INVOICE

34236

DATE

01/13/22



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
Eric.Lindquist@SonoPath.com