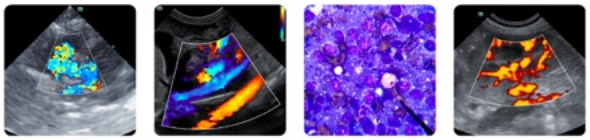


PATIENT

Lilly Torres

SPECIES

Canine

BREED

Shih Tzu Mix

SEX

Spayed female

AGE

12 years

WEIGHT

18.2 lbs

INTERPRETED BY

Eric Lindquist, DMV DABVP, Cert. IVUSS

IMAGING PERFORMED BY

John Ammeraal, DVM

HOSPITAL NAME

Sova AH

REFERRING VET

Dr. Dodson

INVOICE

77631

DATE

5/18/26

PRESENTING CLINICAL SIGNS

History of mammary tumor Low grade, also fibroadenexal hamartoma arising from the vulva 4 yrs ago and removed. Clinically doing well. Currently mild hypercalcemia. Thoracic rads clean
Scattered small warty dermal growths (L dorsal hind paw, dorsal rump, dorsal thorax), pedunculated vulvar mass arising from L side (approx 8cm long, 1cm stalk, ~4cm wide); soft SQ fatty deposits in caudal mammary chains bilaterally__ Ionized Ca 1.45 mmol/L , ALKP 347 U/L

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The **urinary bladder**, trigone, and pelvic urethra presented normal thicknesses and normal tone. The pelvic urethra was imaged 2.0 cm beyond the cystourethral junction and appeared normal. 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 this age patient. Medullary structure differed distinctly from that of the cortex and no evidence of pelvic dilation was present. The left kidney measured 4.25 cm. The right kidney measured 4.5 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 1.76 x 0.59 cm at the caudal pole and 0.53 cm at the cranial pole. The right adrenal gland measured 2.12 x 0.42 cm at the cranial pole and 0.49 cm at the caudal 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 **liver** images from right and left intercostal as well as subcostal views revealed subjectively normal liver size, contour, and structure. Some age-related parenchymal remodeling was noted but likely not clinically significant at this time. Vascular and biliary tracts were of normal volume and no evidence of

PATIENT
Lilly Torres

SPECIES
Canine

BREED
Shih Tzu Mix

SEX
Spayed female

AGE
12 years

WEIGHT
18.2 lbs

INTERPRETED BY
Eric Lindquist, DMV DABVP, Cert. IVUSS

IMAGING PERFORMED BY
John Ammeraal, DVM

HOSPITAL NAME
Sova AH

REFERRING VET
Dr. Dodson

INVOICE
77631

DATE
5/18/26

congestion was noted. The gallbladder presented some dependent debris with essentially normal contour. The cystic and common bile ducts were normal. No overt evidence of active inflammatory, infiltrative or regenerative pathology was noted but should be paired with current or past LE elevations regarding any clinical significance to this presentation. The hepatic lymph nodes were unremarkable.

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

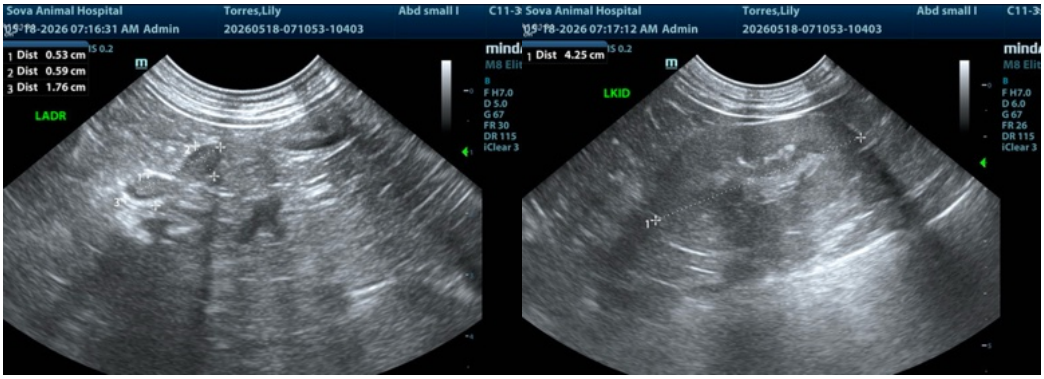
The base and limbs of the **pancreas** were observed to be largely isoechoic to surrounding omental fat. Pancreatic duct and capsular contour were acceptably normal and parenchyma respected normal curvilinear patterns. No overt evidence of active inflammatory or neoplastic disease was noted.

ULTRASONOGRAPHIC FINDINGS

Age related abdominal changes with non-obstructive pinpoint nephrolithiasis.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

There was no evidence of significant disease.



PATIENT

Lilly Torres

SPECIES

Canine

BREED

Shih Tzu Mix

SEX

Spayed female

AGE

12 years

WEIGHT

18.2 lbs

INTERPRETED BY

Eric Lindquist, DMV DABVP, Cert. IVUSS

IMAGING PERFORMED BY

John Ammeraal, DVM

HOSPITAL NAME

Sova AH

REFERRING VET

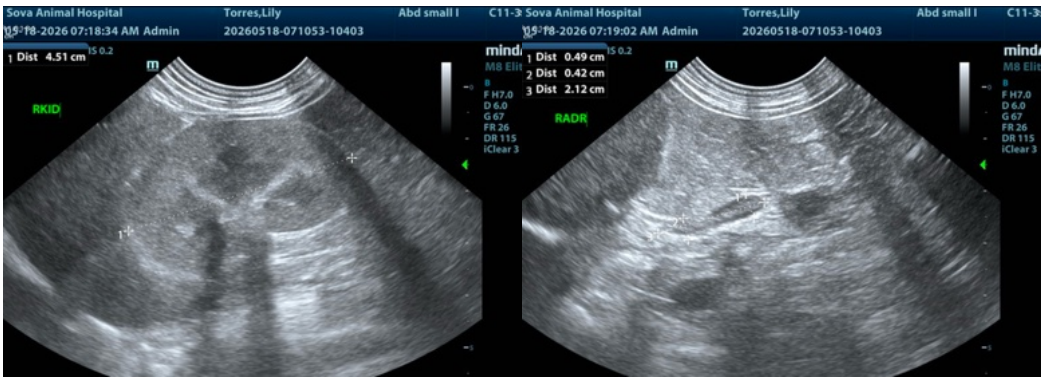
Dr. Dodson

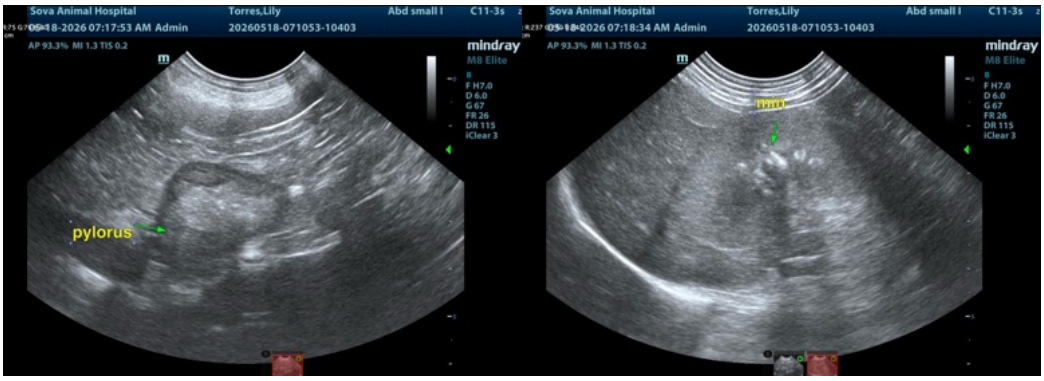
INVOICE

77631

DATE

5/18/26





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