

PATIENT

Louie Foster

SPECIES

Canine

BREED

Shih Tzu Maltese X

SEX

Neutered Male

AGE

13

WEIGHT

6.46

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Sumeet Sharma

HOSPITAL NAME

Edmonton West AH

REFERRING VET

Sumeet Sharma

INVOICE

21452

DATE

3/5/23

PRESENTING CLINICAL SIGNS

History: Since last few day whining and whimpering, eating more than usual, PU PD. No C/S/V/D, still active. Sedated for scan - Dexmedetomidine and butorphanol, no pain on scanning.

Abnormal PE/Chem/CBC/UA Results: Slight overweight , resentful/painful on cranial abdominal palpation , painful on front leg joints palpation TPR -w/ Geri panel with u/a - CBC - MPV 14.7 (8.7-13.2) , pct-0.67 (0.14-0.46) NAF otherwise U/A - USG 1.023 , Proteins 500 mg /dl (3+), Blood 25 erth/ micro L, otherwise unremarkable u/a ALT - 193 (10-125), Amyl 1844 (500-1500 u/l), K 6.2 , Na/K -25, Urea 16.5 (2.5-9.6) Chem- SDMA Normal 10 (0-14) Snap Cpli - Abnormal Cortisol- 246 (28-120 mmol/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 were noted. Ureteral papillae were normal. The pelvic urethra was imaged 2.0 cm beyond the cystourethral junction. The residual prostate measured 5.0 mm.

The **left kidney** revealed mildly thickened cortices with hyperechoic medullary rim sign. This is an idiopathic finding, however, may have significance if any significant proteinuria is present. The left kidney measured 4.31 cm.

The **right kidney** revealed similar changes to the left with medullary rim sign. The right kidney measured 4.31 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 right adrenal gland measured 0.5 cm. The left adrenal gland measured 0.43 cm.

Spleen

The **spleen** was largely smooth with subtle heterogeneous parenchymal changes while maintaining normal echogenic relationship to the liver and kidney. These changes are consistent with normal age-related alteration. The capsule was smooth without noticeable impingement from within the spleen or from pathology in the adjacent abdomen. The splenic vasculature demonstrated normal volume without signs of congestion or significant contraction. No evidence of active acute or chronic inflammatory, neoplastic, or infarctual changes were noted. This is a minor change.

Liver

The **liver** images from right and left intercostal as well as subcostal views revealed subjectively normal liver size, contour, and structure. Some minor 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 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



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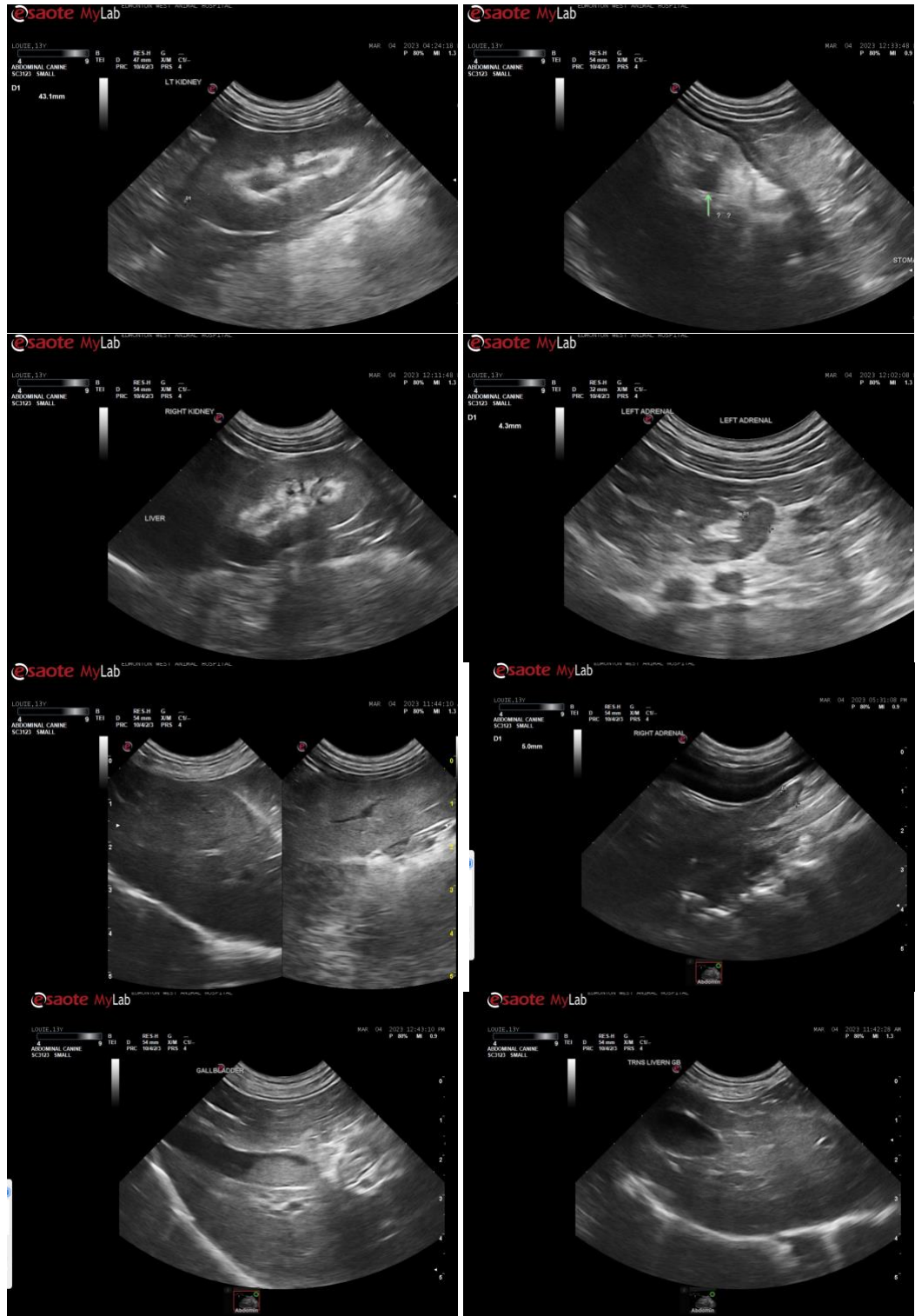
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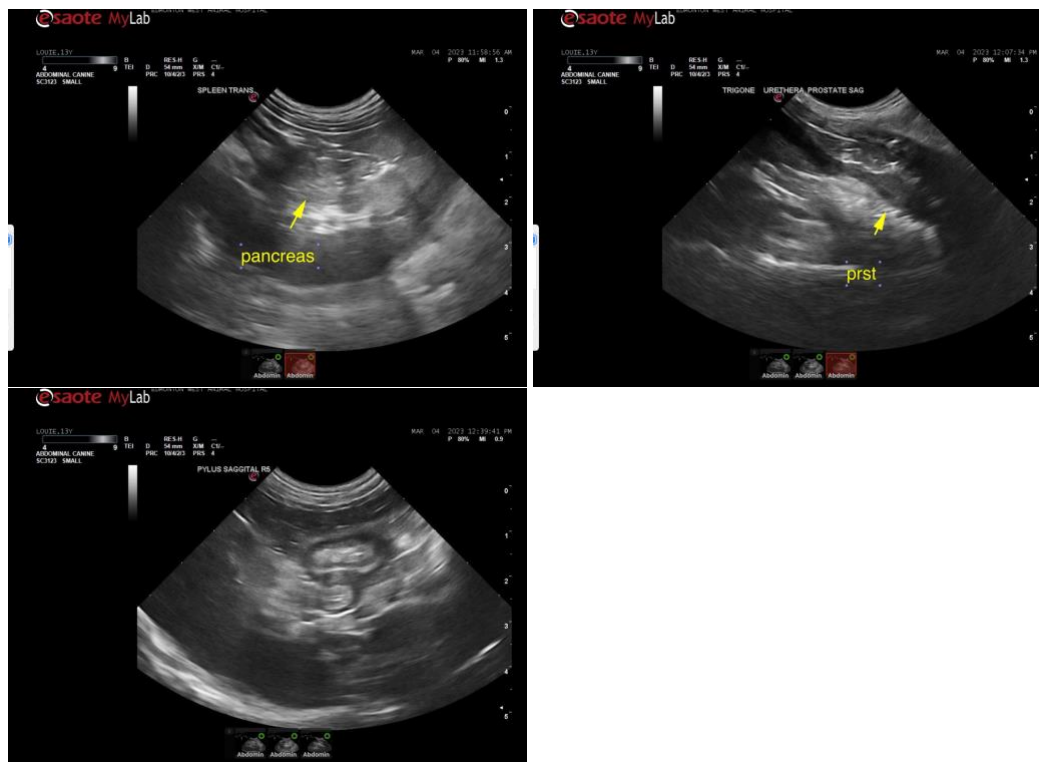
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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