



PATIENT

Ellie Somerset

PRESENTING CLINICAL SIGNS

History: History of lethargy , inappetence , vomiting
Abnormal PE/Chem/CBC/UA Results: BW NSF

SPECIES

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

BREED

Labrador Cross

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.

SEX

Spayed Female

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 6.67 cm. The right kidney measured 7.41 cm.

AGE

11 years

WEIGHT

30.8 lbs

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 0.78 cm at the caudal pole and 0.44 cm at the cranial pole. The right adrenal gland measured 0.91 cm at the cranial pole and 0.58 cm at the caudal pole.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Gira

Spleen

The **spleen** was enlarged, mildly heterogenous and mildly heterogenous folded upon itself cranially. There was no evidence of masses.

HOSPITAL NAME

Resolution Veterinary
Ultrasound

Liver

REFERRING VET

Dr. Devall

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 portal vein to vena cava ratio was 1:1 with no evidence of pathology. 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.

INVOICE

30507

Gastrointestinal

DATE

5/18/22

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



PATIENT

demonstrated normal luminal chyme and stool consistency respectively. The jejunal lymph nodes were reactive and measured up to 0.82 cm.

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SPECIES

Pancreas

Canine

The right limb of the pancreas appeared to be stable and uniform with minor echogenic remodeling. The left limb revealed areas of hypoechoic edema and hyperechoic surrounding fat. This is suggestive for smoldering low grade pancreatitis occupying the left base.

BREED

Labrador Cross

ULTRASONOGRAPHIC FINDINGS

SEX

Low-grade pancreatitis pattern in the left base. Possible necrosis.

Spayed Female

Mild hypersplenism with splenic fold.

AGE

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

11 years

Subxiphoid palpation is recommended to assess for pain-solicited response. If pain is noted low grade pancreatitis is suspected. Treatment for pancreatitis is indicated. The region in question is approximately 4.0 cm with a 2.0 cm hypoechoic left pancreatic limb with lack of structural detail. This may represent necrosis, underlying neoplasia cannot be completely ruled out. FNA of this region would be ideal. Treatment for pancreatitis over 72 hour period, broad spectrum antibiotics, fluid therapy and pain management are all indicated. A recheck sonogram is recommended in 5-7 days.

WEIGHT

30.8 lbs

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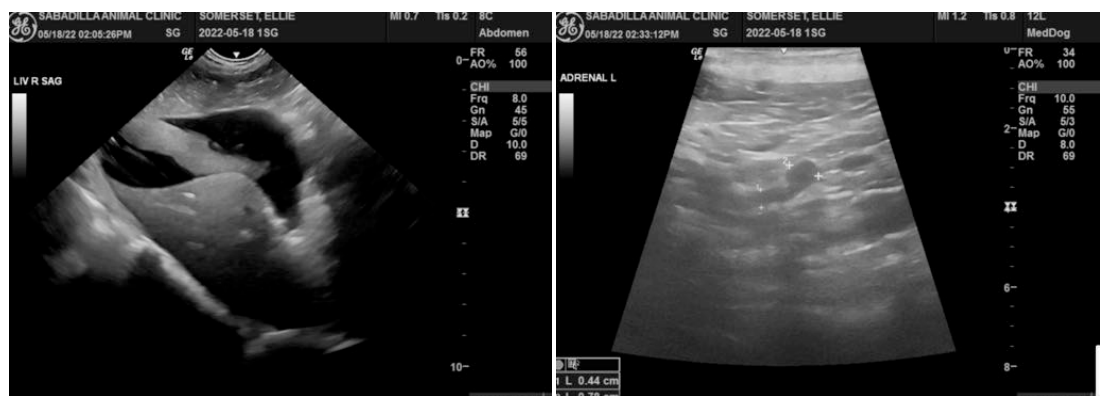
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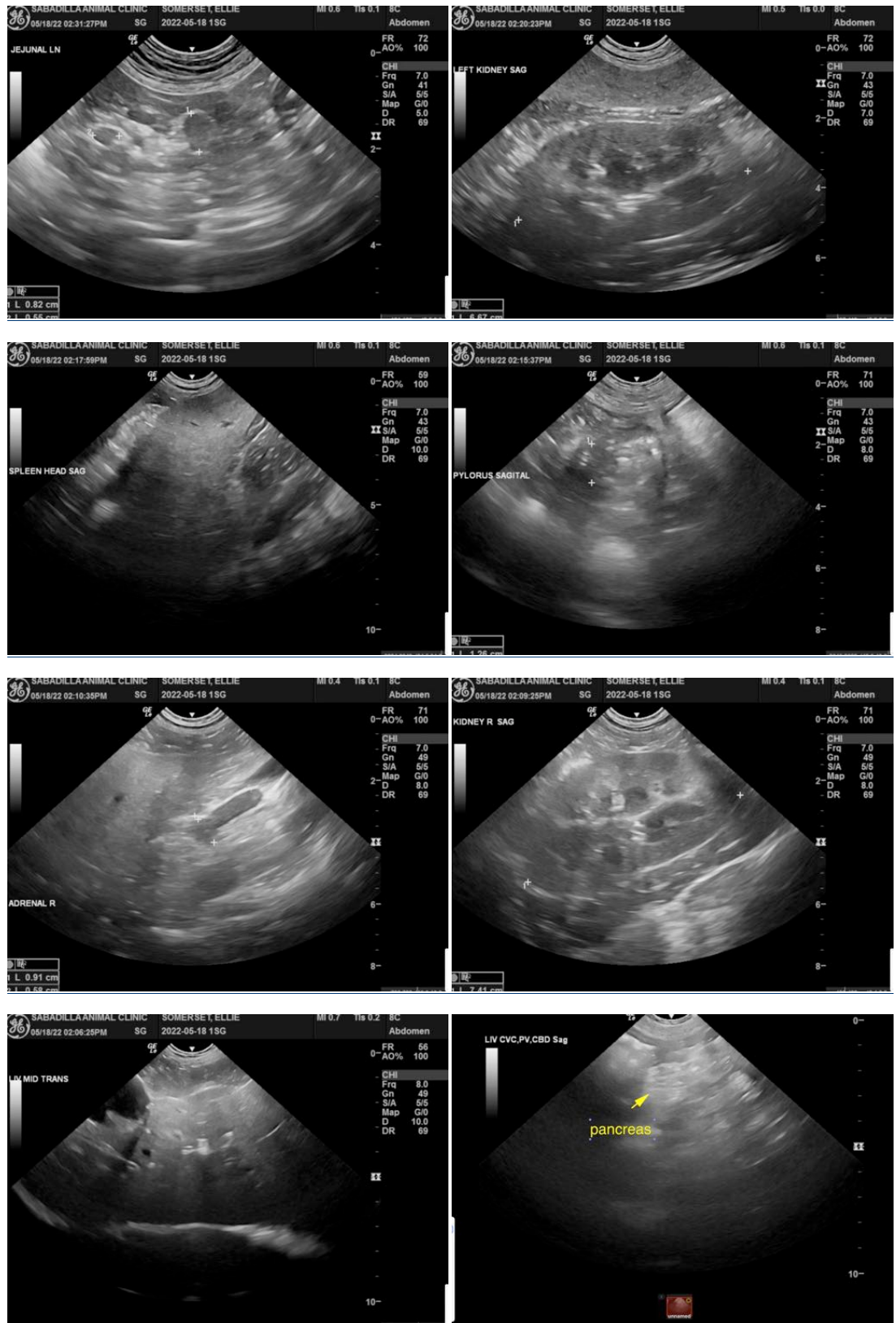
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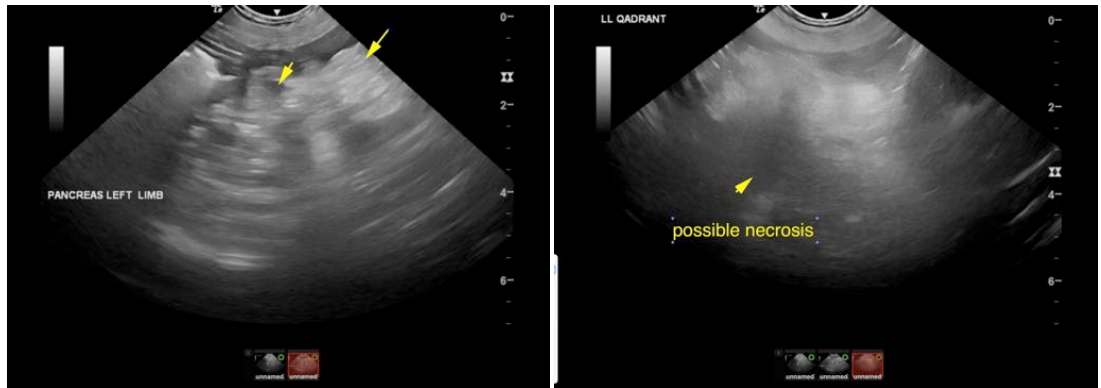
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SPECIES

Canine

BREED

Labrador Cross



SEX

Spayed Female

AGE

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WEIGHT

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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.

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