



PATIENT PRESENTING CLINICAL SIGNS

Dora Kelly History: Hyporexia lethargic and weight loss over last 10 days
Abnormal PE/Chem/CBC/UA Results: Reticulocytosis mild elevation of total protein and liver enzymes. Severe elevation of ALPK

SPECIES

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

BREED

Shepherd Cross

Urinary System

The **urinary bladder**, trigone, and pelvic urethra presented normal thicknesses and normal tone. The pelvic urethra was imaged 1.0 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.

SEX

Spayed female

AGE

3 years

The **kidneys** revealed normal size and structure, corticomedullary definition and ratio for this age. The cortices presented largely uniform texture with normal echogenic relationship to liver and spleen. Medullary structure differed distinctly from the cortex and no evidence of pelvic dilation was present. The capsules were acceptably uniform without significant irregularities. The right kidney measured 6.86 cm. The left kidney measured 5.86 cm.

WEIGHT

23 kg

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 0.53 cm at the cranial pole and 0.44 cm at the caudal pole. The left adrenal gland measured 0.38 cm at the cranial pole and 0.38 cm at the caudal pole.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Belan

Spleen

The **spleen** revealed heterogenous, hypoechoic nodular changes.

HOSPITAL NAME

McKnight VC

Liver

The **liver** revealed increased portal markings and coarse architecture. The gallbladder was thickened and echogenic.

REFERRING VET

Dr. Gruffydd

Gastrointestinal

INVOICE

43223

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.

DATE

3/9/23



PATIENT

Pancreas

Dora Kelly

The **pancreas** revealed extreme, mixed, hypoechoic parenchymal changes in the right limb with enhanced surrounding mesentery that enveloped the upper gastrointestinal tract. The pancreatic pathology extended from 6-8 cm.

SPECIES

Canine

ULTRASONOGRAPHIC FINDINGS

BREED

Shepherd Cross

Extensive pancreatitis. Pancreatic necrosis pattern with regional inflammation and peritonitis enveloping the upper gastrointestinal tract.

Heterogenous splenic changes. Possible underlying neoplasia.

SEX

Spayed female

Cholangitis liver pattern.

Thickened and echogenic gallbladder.

AGE

3 years

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Ultrasound-guided FNA of the pancreatic region or surgical exploratory with expectations and debridement of the pancreatic pathology with appropriate biopsies and liberation of the upper gastrointestinal tract. The prognosis is guarded.

WEIGHT

23 kg

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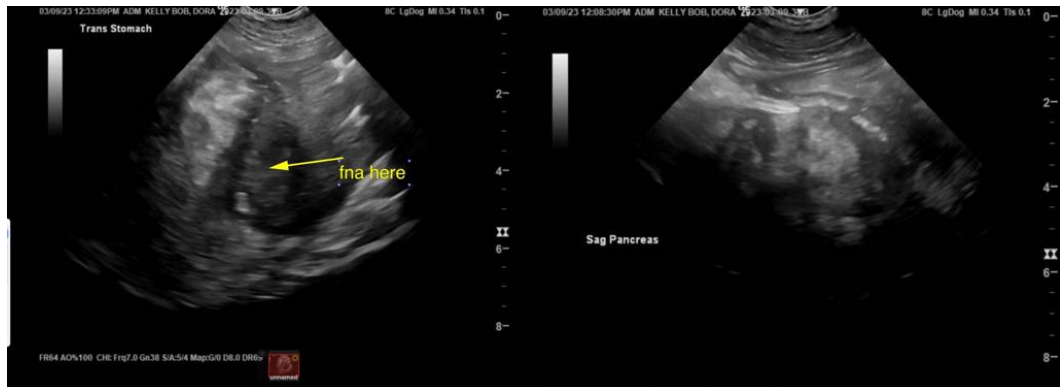
Dr. Gruffydd

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PATIENT

Dora Kelly

SPECIES

Canine

BREED

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Spayed female

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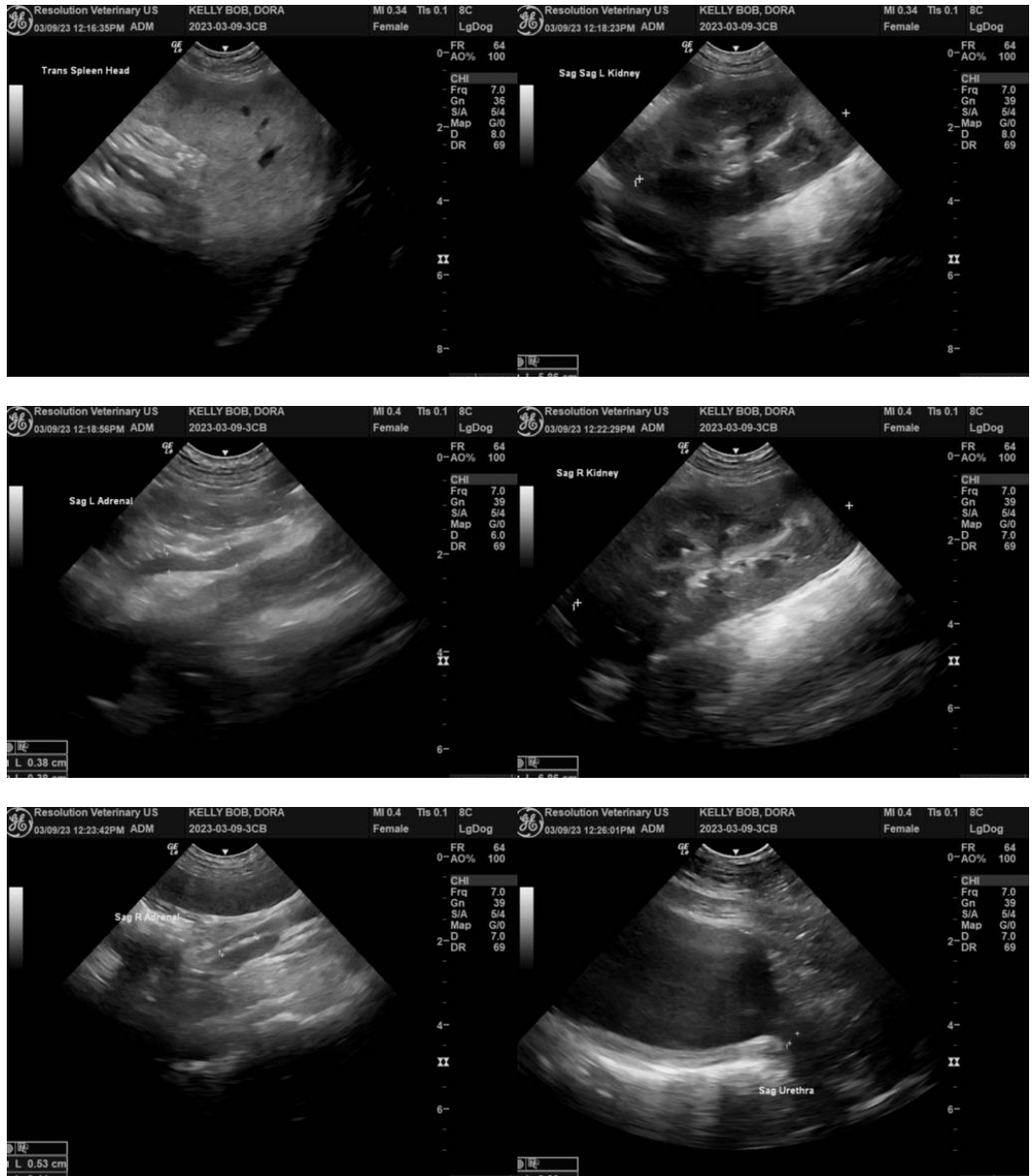
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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