



PATIENT

Carson Dion

SPECIES

Canine

BREED

Beagle Mix

SEX

Neutered male

AGE

4 years

WEIGHT

19.5 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. DeNuzio

HOSPITAL NAME

Kings VH

REFERRING VET

Dr. DeNuzio

INVOICE

44191

DATE

5/4/23

PRESENTING CLINICAL SIGNS

History: Decreased appetite, intermittent vomiting that started approximately 1 week ago. Patient has lost 3 pounds since last exam 1 year ago, owner unsure duration of weight loss. Concerned about hyperechoic tissue in cranial abdomen adjacent to liver and stomach - inflamed fat??

Abnormal PE/Chem/CBC/UA Results: WBC 21k, Neu 17k, HCT 38%, ALB 2.4, in-house PLI SNAP normal

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 was noted. Ureteral papillae were normal.

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. Slight pinpoint mineralization was noted. The left kidney measured 4.58 cm. The right kidney measured 4.5 cm.

Adrenal Glands

The **adrenal glands** were not visualized.

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 submitted revealed subjectively normal liver size, contour, and structure. Parenchymal echogenicity was naturally coarse and hypoechoic to the spleen. Vascular and biliary tracts were of normal volume with no evidence of congestion. The gallbladder presented acceptably thin walls with primarily anechoic content. The cystic and common bile ducts were normal. No pathological hepatic lymphadenopathy was evident. No overt structural evidence of inflammatory, infiltrative or regenerative pathology was evident.



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Gastrointestinal

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The **stomach** was mildly thickened with no loss of mural detail. The lumen was empty. Mucosal hypertrophy was noted. The lumen was empty.

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Pancreas

The **pancreas** revealed mild, heterogenous parenchymal changes in the right limb. This is consistent with pancreatitis.

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ULTRASONOGRAPHIC FINDINGS

SEX

Gastritis, pancreatitis presentation.

Neutered male

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

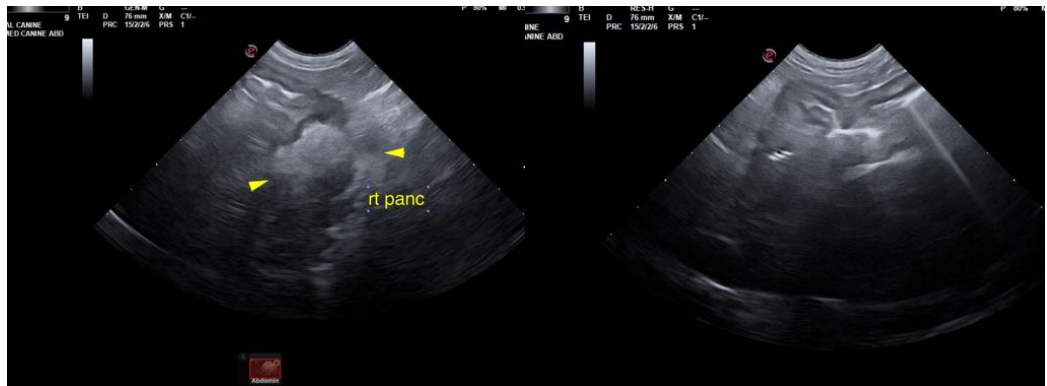
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Subxiphoid palpation is warranted. Screening for Addison's is warranted as the adrenal glands were not visualized along with low albumin with minor anemia. GI protectant protocol is warranted. There is no overt evidence of neoplasia.

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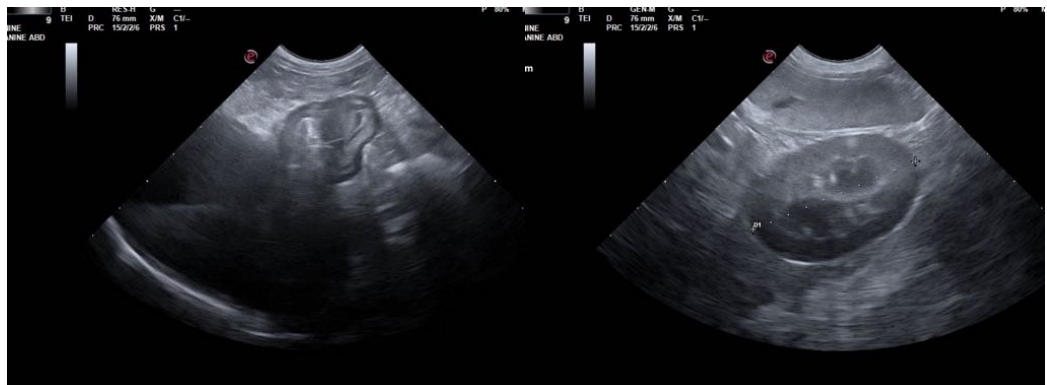
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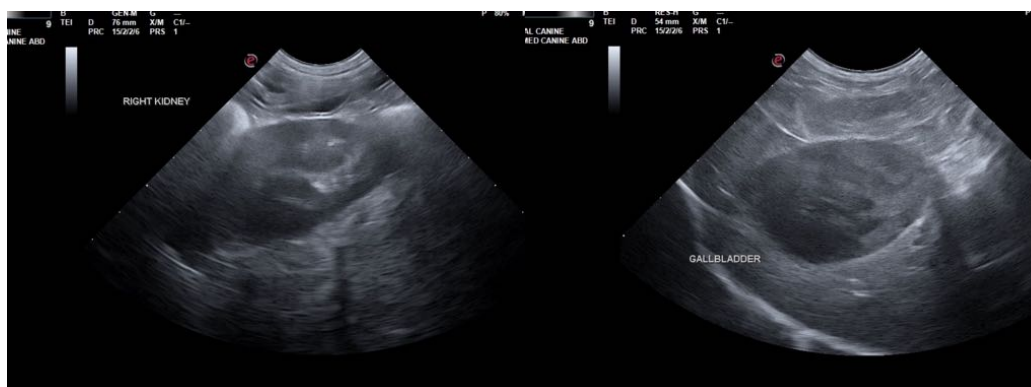
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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