



PATIENT

Chase Ramm

PRESENTING CLINICAL SIGNS

History: Elevated pancreatic enzymes, vomit and diarrhea

SPECIES

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

BREED

Mini Australian Shepherd

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

Neutered male

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 left kidney measured 4.4 cm. The right kidney measured 5.0 cm.

AGE

7 years

WEIGHT

25 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 0.5 cm. The right adrenal gland measured 0.6 cm.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

Spleen

IMAGING PERFORMED BY

Byron Cabrera

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.

HOSPITAL NAME

All Creatures Great and Small Denville

Liver

REFERRING VET

Dr. Ashmore

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.

INVOICE

44022

DATE

4/26/23



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Gastrointestinal

The **stomach** was empty with minor wall thickening. The small intestines and colon were unremarkable. Mesenteric remodeling was noted around the pancreas and upper gastrointestinal tract.

Pancreas

The left limb of the **pancreas** revealed hyperechoic, ill defined mesentery. This is suggestive for inflammation.

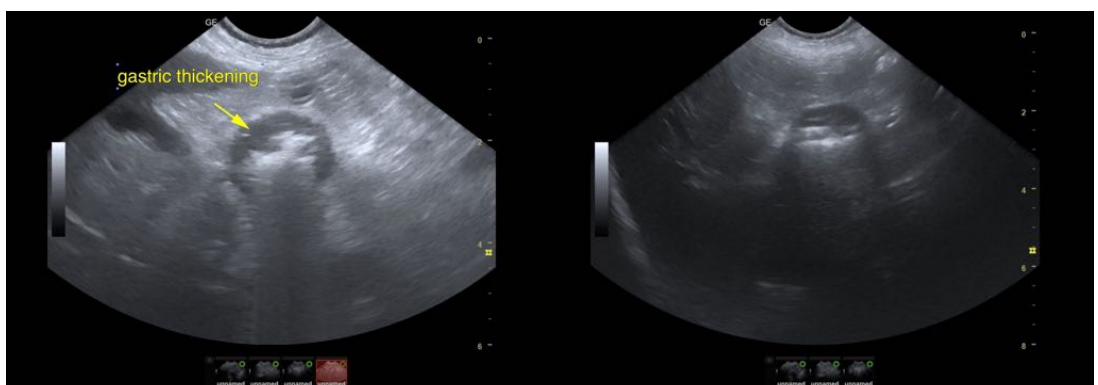
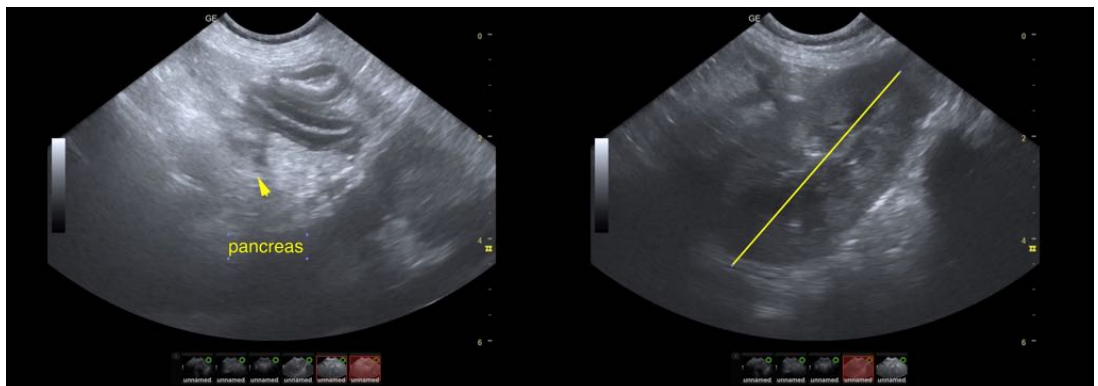
ULTRASONOGRAPHIC FINDINGS

Pancreatitis.

Gastroduodenitis.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

24 hour n.p.o., IV fluid support, pain management and broad spectrum antibiotics are all indicated. Recheck sonogram is recommended after 72 hours. Trickle feeding is warranted if the patient is stable after 24 hour n.p.o.





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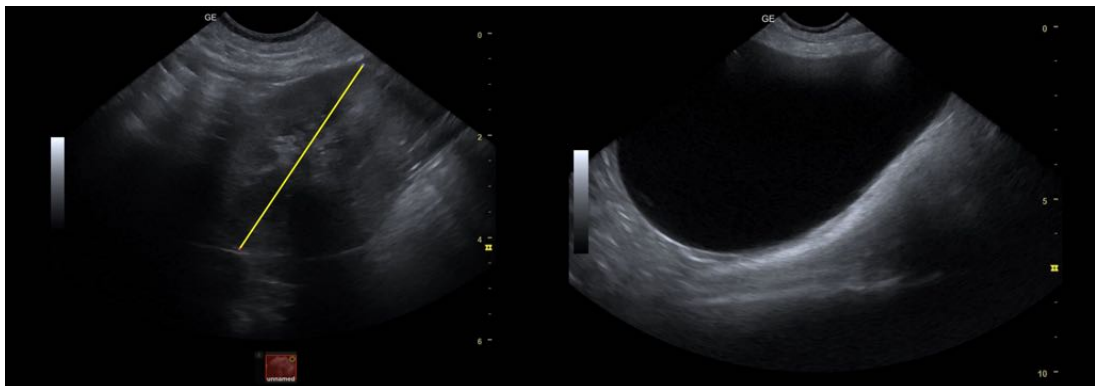
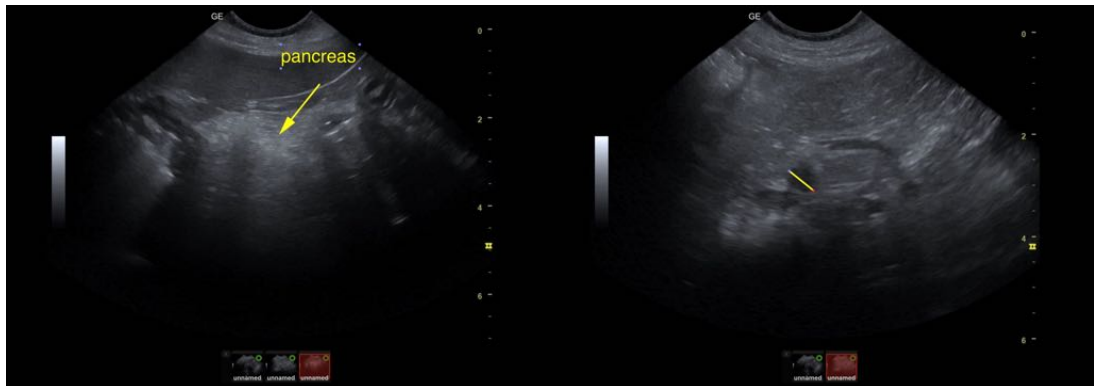
Neutered male

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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.

Eric Lindquist, DMV, DABVP, Cert. IVUSS, CEO of SonoPath.com
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