



**PATIENT**

Mitch Gulla

**PRESENTING CLINICAL SIGNS**

History: Not eating, vomit, History of pancreatitis.  
Abnormal PE/Chem/CBC/UA Results: CPL abnormal 3 days ago

**SPECIES**

Canine

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

**Urinary System**

**BREED**

French Bulldog

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 residual prostate measured 1.0 cm.

**AGE**

9 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 left kidney measured 4.7 cm. The right kidney measured 5.0 cm.

**WEIGHT**

22 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 0.53 cm. The right adrenal gland measured 0.85 cm at the cranial pole and 0.5 cm at the caudal pole.

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

**IMAGING PERFORMED BY**

Byron Cabrera

**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.

**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**

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**DATE**

8/15/23



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**Gastrointestinal**

The stomach as thickened with muscularis hypertrophy. The curvilinear patterns were maintained. The submucosal layer was unremarkable. The upper small intestine was thickened with hyperperistalsis.

**SPECIES**

Canine

**Pancreas**

Mild, heterogenous **pancreatic** changes were noted.

**BREED**

French Bulldog

**Free Abdomen**

Focal areas of free fluid were noted.

**SEX**

Neutered male

**ULTRASONOGRAPHIC FINDINGS**

Gastroduodenitis with reactive mesentery around the intestine.

**AGE**

9 years

Heterogenous pancreatic changes were noted.

**WEIGHT**

22 lbs

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

IV fluid support, 24-hour n.p.o. and GI protectants are all indicated with recheck sonogram in 72 hours to ensure adequate resolution. Canned b.i.d. feeding after n.p.o. period would be recommended. Hydrolyzed diet or similar is warranted given the chronic changes noted in the pancreas and upper gastrointestinal tract. There was no evidence of neoplasia; however, emerging carcinomatosis or similar cannot be completely ruled out.

**INTERPRETED BY**

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DABVP, Cert. IVUSS

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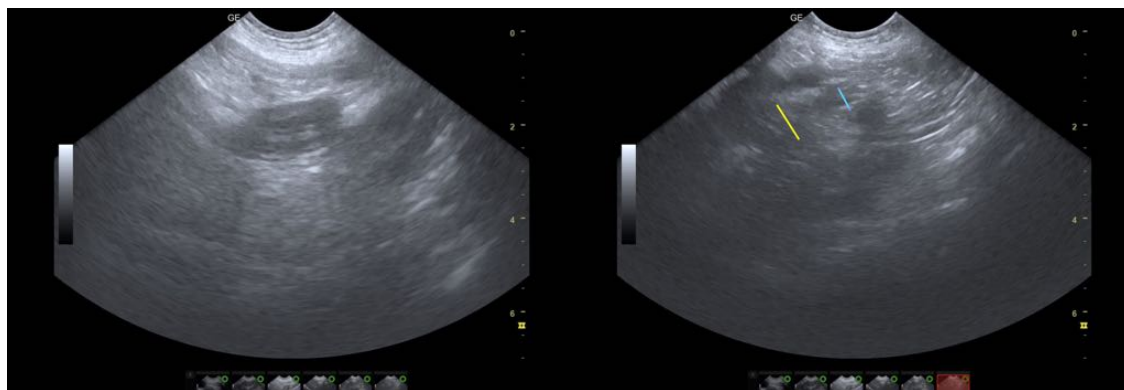
Byron Cabrera

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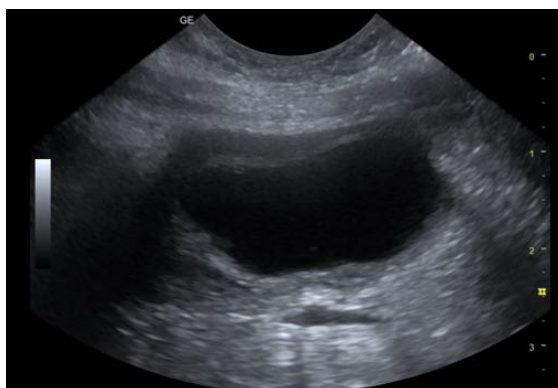
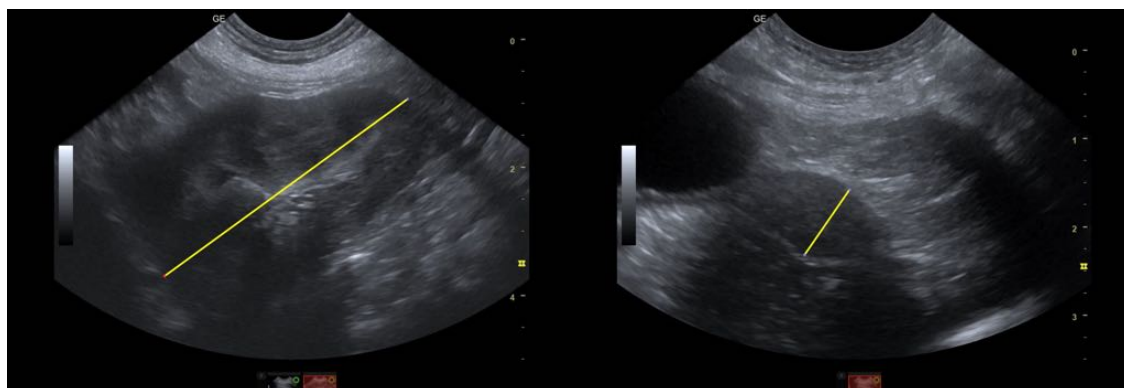
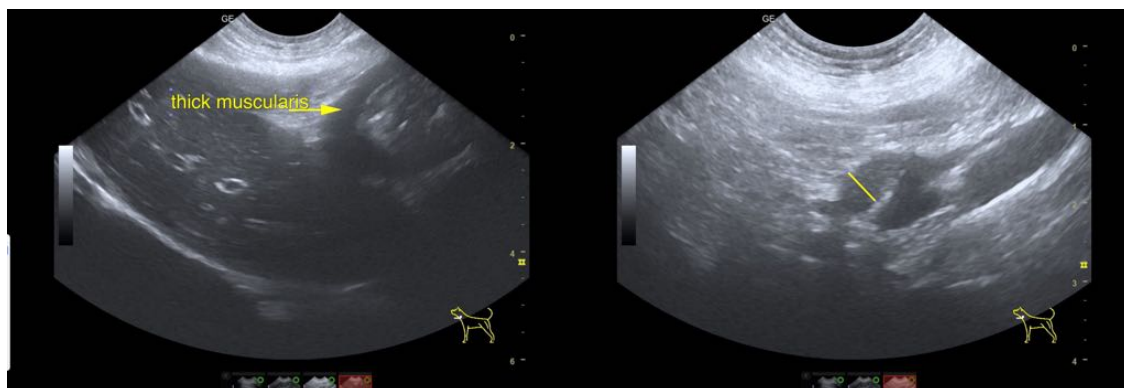
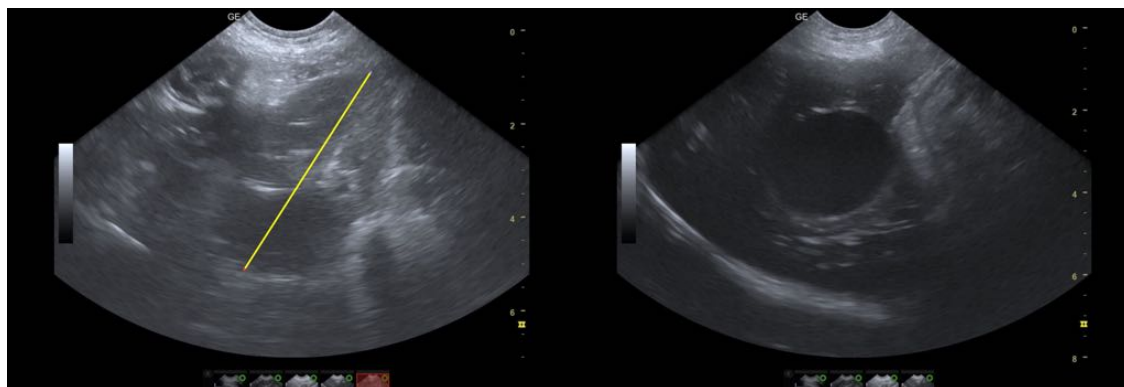
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

**SPECIES**

Canine

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.

**BREED**

French Bulldog

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

**SEX**

Neutered male

**AGE**

9 years

**WEIGHT**

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