



PATIENT

Mr. Pickles Guise

PRESENTING CLINICAL SIGNS

History: vomiting, dilated bowel loops gas mid abd on rads
Abnormal PE/Chem/CBC/UA Results: ALT 131 LIPASE 2741

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 **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 3.5 cm. The right kidney measured 5.0 cm.

AGE

9 months

WEIGHT

21.2 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 0.6 cm. The right adrenal gland measured 0.6 cm.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

Spleen

IMAGING PERFORMED BY

Evanna

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

Animal Care Clinic of
Flanders

Liver

REFERRING VET

Dr. Casulli

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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PATIENT

Gastrointestinal

Mr. Pickles Guise

The **gastrointestinal** presentation revealed mild uniform prominence of the gastric mucosa as well as areas of "ropy" small intestinal wall with slight disruption of the normal 1:3 muscularis/mucosal ratio. A minor amount of chyme was noted in the stomach and the lumen was fluid filled. The intestinal submucosa was slightly irregular, thickened and hyperechoic suggestive of low grade, chronic disease. Intestinal wall thickness measured up to 0.4 cm. No concerning lymphadenopathy was visible. Reactive mesentery was noted associated with the GI tract.

SPECIES

Canine

BREED

French Bulldog

Pancreas

Minor, ill-defined fat was noted around the **pancreas**. The inflammation likely extended from the gastrointestinal tract.

SEX

Neutered male

ULTRASONOGRAPHIC FINDINGS

Diffuse intestinal thickening with reactive mesentery. Consistent with inflammatory bowel.

AGE

9 months

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

WEIGHT

21.2 lbs

Anti-parasitic protocol, hydrolyzed diet, GI protectants and IV fluid support are all indicated. There is no evidence of a foreign body.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Evanna

HOSPITAL NAME

Animal Care Clinic of
Flanders

REFERRING VET

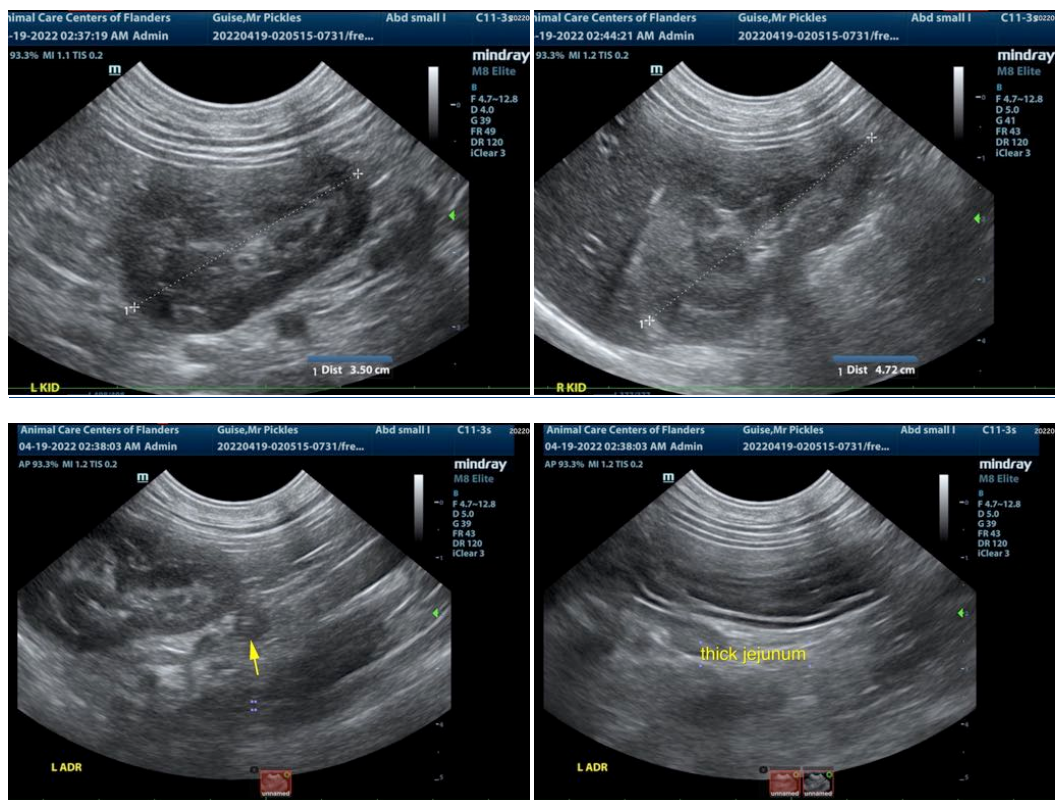
Dr. Casulli

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PATIENT

Mr. Pickles Guise

SPECIES

Canine

BREED

French Bulldog

SEX

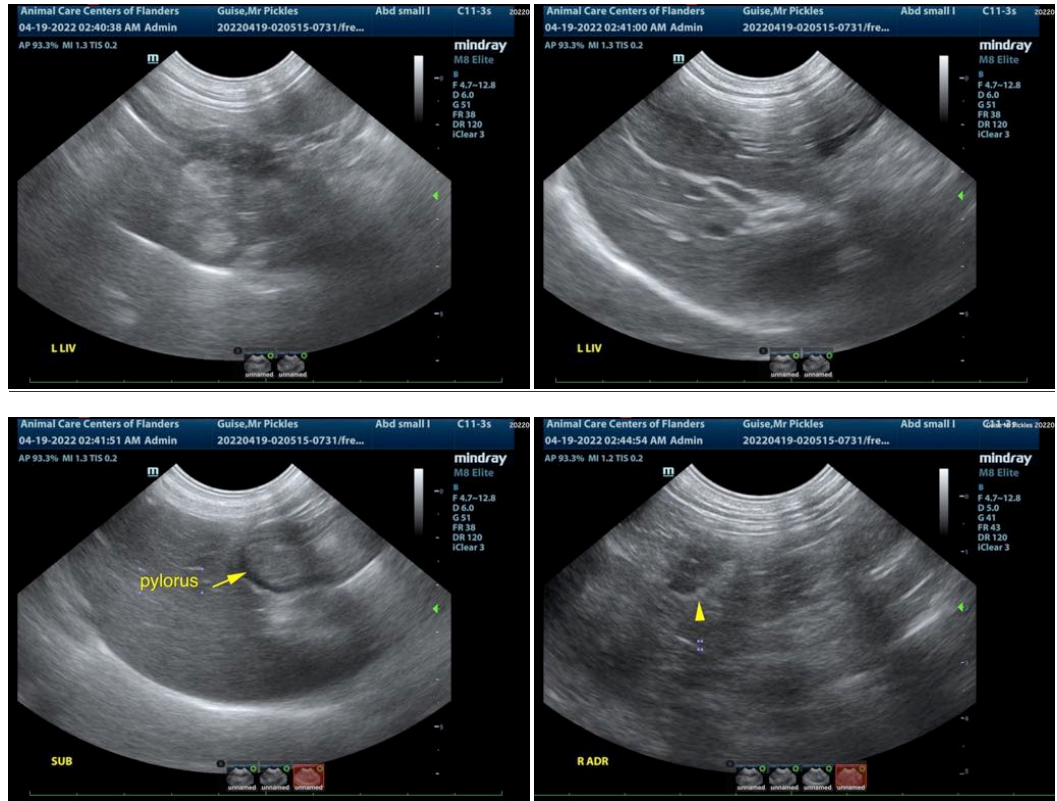
Neutered male

AGE

9 months

WEIGHT

21.2 lbs



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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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