



PATIENT PRESENTING CLINICAL SIGNS

Xander Fittos Unresolving diarrhea Albon, Provable

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

SPECIES Urinary System

Canine The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 4.0 cm exhibited normal thickness and tone. Anechoic urine was present in the lumen with no uroliths or sediment. The ureteral papillae were normal. The ureters were not visible which is normal. No evidence of inflammatory or neoplastic changes was noted.

BREED

French Bulldog No overt pathology was noted In the area of the residual prostate.

SEX

The area of the aortic trifurcation was free of pathology.

MN

Normal size and margination were present in the kidneys. A normal 1:3 cortex / medulla ratio and normal corticomedullary definition were maintained. The echogenicity of the cortex was similar to or slightly less than normal liver parenchyma while the medulla echogenicity was hypoechoic to the cortex with no evidence of pelvic dilation. The left kidney measured 5.4 cm in length. The right kidney measured 5.8 cm in length.

AGE

2014

WEIGHT

36.2

Adrenal Glands

The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.69 cm width at the caudal pole and 0.45 cm width at the cranial pole. The right adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The right adrenal gland measured 0.54 cm width at the caudal pole.

INTERPRETED BY

R. McKenzie Daniel,
 DVM, DABVP
 (Canine and Feline)

Spleen

The spleen exhibited a finely textured and homogenous parenchyma which was hyperechoic to the liver and renal cortical parenchyma. The capsule was smooth and regular without apparent expansion. The splenic vasculature at the hilus was normal in volume with no evidence of congestion or thrombosis. Acute to chronic inflammatory, neoplastic, or benign parenchyma changes were not noted.

IMAGING

PERFORMED BY
 Rebekah Jakum, CVT
 ARDMS/RVT

HOSPITAL NAME

Liver/ Gallbladder

Leighton AH

The liver exhibited multiple mildly expansive nonhomogeneous macronodules to variably sized masses. The largest mass was present in the right lateral to caudate liver measuring approximately 6.5 cm in diameter with centralized fluid-filled to cystic component. An example of a small mass in the left caudal liver measured 3.6 cm in diameter. An example of a macronodule to small mass in the deep mid liver measured 3.2 cm in diameter. The gallbladder was non distended in size with mild echogenic, nonmineralized biliary sludge. The cystic duct and common bile ducts were normal without evidence of dilation.

REFERRING VET

Dr. Mriss

INVOICE

13776

Gastrointestinal

The stomach presented intact wall layering with a normal wall layer ratio. The lumen of the stomach was empty with no signs of ileus, obstruction, or foreign material. The gastric body wall width measured 0.38 cm.

DATE

5/3/22



PATIENT

Xander Fittos

The small intestine presented intact wall layering with 1:3 muscularis/mucosa ratio. The lumen of the small intestine was empty with no signs of ileus, obstruction, or foreign material. The duodenum wall width measured 0.59 cm. The jejunum wall width measured 0.39 cm.

SPECIES

Canine

Normal visible colon wall layers were present with apparent formed feces in lumen.

Pancreas

The parenchyma of the left limb, body, and right limb of the pancreas presented isoechoic to the adjacent omental fat. A normal curvilinear capsule contour of the pancreas was present. The visible pancreatic duct was normal. No signs of active inflammation or neoplastic disease were evident.

BREED

French Bulldog

Free Abdomen

SEX

No overt lymphadenopathy or peritoneal effusion was present.

MN

ULTRASONOGRAPHIC FINDINGS

AGE

2014

- Multiple, variably sized, nonhomogeneous, centrally cystic to cavitated hepatic macronodules to masses
- Mild gallbladder debris (non-mucocele)
- Overtly normal gastrointestinal tract

WEIGHT

36.2

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The multiple hepatic macronodules to masses were nonspecific with both benign (nodular hyperplasia, granulomas, hematopoiesis, etc.,) or neoplastic etiologies possible. Assuming normal clotting status, ultrasound-guided FNA of a hepatic mass, ideally the larger right lateral to caudate liver mass, +/- additional macronodule to small mass for screening cytology is recommended.

INTERPRETED BY

R. McKenzie Daniel,
DVM, DABVP
(Canine and Feline)

In dogs with recurrent to consistent gastrointestinal signs, considerations may include dietary intolerance / food hypersensitivity, occult parasitism, dysbiosis, structurally insignificant inflammatory bowel, or less likely infiltrative gastrointestinal neoplasia. Further assessment may include a GI panel to include PLI/TLI/Cobalamin/Folate. Empirically, a limited antigen or hydrolyzed diet trial with potential long term dietary therapy, prophylactic deworming (Panacur 50 mg/kg SID x 5 consecutive days with repeat protocol in 3 weeks even if fecal testing is negative), high colony count probiotic (Provable or Visbiome), antibiotic trial and as needed gastrointestinal support with assessment of clinical response may prove beneficial.

IMAGING PERFORMED BY

Rebekah Jakum, CVT
ARDMS/RVT

HOSPITAL NAME

Leighton AH

REFERRING VET

Dr. Mriss

INVOICE

13776

DATE

5/3/22





PATIENT

Xander Fittos

SPECIES

Canine

BREED

French Bulldog

SEX

MN

AGE

2014

WEIGHT

36.2

INTERPRETED BY

R. McKenzie Daniel,
DVM, DABVP
(Canine and Feline)

IMAGING PERFORMED BY

Rebekah Jakum, CVT
ARDMS/RVT

HOSPITAL NAME

Leighton AH

REFERRING VET

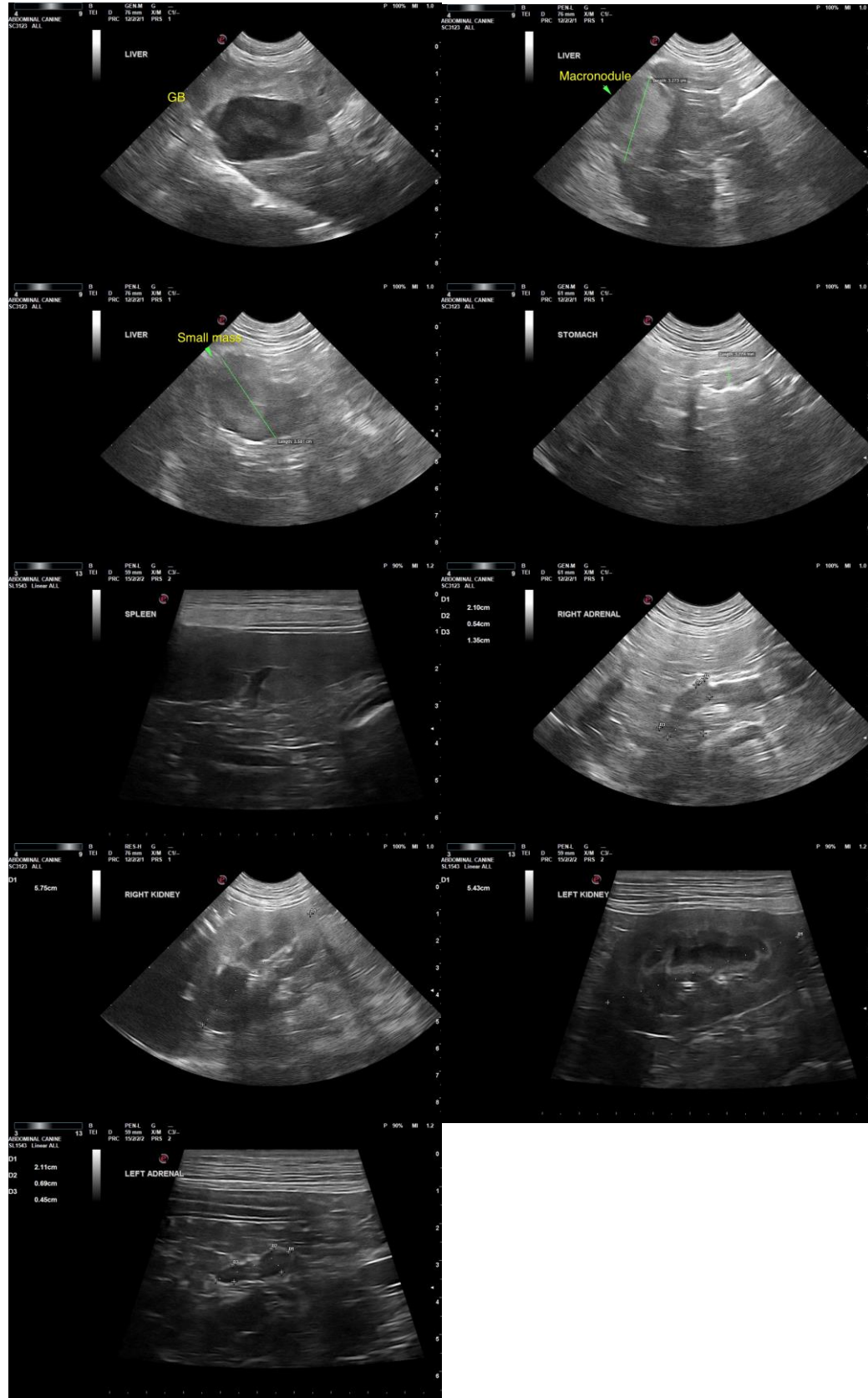
Dr. Mriss

INVOICE

13776

DATE

5/3/22





PATIENT

Xander Fittos

SPECIES

Canine

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.

BREED

French Bulldog

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.

SEX

R. McKenzie Daniel, DVM, DABVP (Canine/Feline Practice)
mac.daniel@sonopath.com

MN

AGE

2014

WEIGHT

36.2

INTERPRETED BY

R. McKenzie Daniel,
DVM, DABVP
(Canine and Feline)

**IMAGING
PERFORMED BY**

Rebekah Jakum, CVT
ARDMS/RVT

HOSPITAL NAME

Leighton AH

REFERRING VET

Dr. Mriss

INVOICE

13776

DATE

5/3/22