



PATIENT PRESENTING CLINICAL SIGNS

Jax Kratzer History: Ate foreign material 12.3, intermittent appetite and vomiting
Medication: Metronidazole, Gabapentin, Cerenia

SPECIES
Unremarkable CBC, cPL normal, ALP 499, ALT 153, Na/k ratio 48

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

BREED *Urinary System*

Dachshund The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 2.0 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.

SEX

Neutered Male

The residual prostate was symmetrically normal in size with uniform parenchyma and slight coarse echotexture measuring 0.65 cm in width.

AGE

7 years

The area of the aortic trifurcation was free of pathology.

WEIGHT

24.6 Pounds

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 4.6 cm in length. The right kidney measured 4.7 cm in length.

INTERPRETED BY

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

Adrenal Glands

The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.59 cm width at the caudal pole and 0.58 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 0.46 cm width at the caudal pole and 0.50 cm width at the cranial pole.

IMAGING PERFORMED BY

Rebekah Jakum, CVT
ARDMS/RVT

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.

HOSPITAL NAME

Stanglein VC

REFERRING VET

Dr. Stanglein

Liver/ Gallbladder

The liver exhibited subjective mild generalized enlargement. The parenchyma of the liver was subjectively normal in echogenicity compared to the spleen and renal cortices. The liver parenchyma was uniform with a mildly coarse echotexture. The capsule of the liver was symmetrically rounded to mildly swollen in margination. The hepatic and portal vasculature were normal in appearance without signs of congestion. The gallbladder was non-distended in size with primarily anechoic luminal content. The cystic and common bile ducts were normal.

INVOICE

12780

DATE

12.9.2021



PATIENT *Gastrointestinal*

Jax Kratzer The stomach presented intact wall layering with a normal wall layer ratio. The lumen of the stomach was primarily empty without evidence of retained Ingesta, fluid or foreign material and mild luminal gas. The ventral gastric body wall width measured 0.39 cm.

SPECIES

Canine The small intestine presented intact wall layering with 1:3 muscularis/mucosa ratio. Intermittent duodenojejunal mucosal speckling was present. No evidence of mechanical/ metabolic small intestinal ileus. The lumen of the small intestine was empty with no signs of obstruction or foreign material. The jejunum wall width measured 0.39 cm. The duodenum wall width measured 0.40 cm.

BREED

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

SEX

Pancreas

Neutered Male 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.

AGE

Free Abdomen

7 years

No overt lymphadenopathy or peritoneal effusion was present.

WEIGHT

ULTRASONOGRAPHIC FINDINGS

24.6 Pounds

Primary Findings

- Hepatopathy - subjectively benign
- Mild gastroenteritis pattern
- Sonographically unremarkable pancreas

INTERPRETED BY

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

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

IMAGING

Metabolic, reactive, or vacuolar hepatopathy, given the ALP elevations, is suspected with minor potential for low-grade inflammatory hepatopathy. No evidence of gastrointestinal mechanical obstruction or foreign material was noted. Conservative therapy for gastroenteritis should prove beneficial. Recheck sonogram to assess for progressive inflammatory gastrointestinal changes which may indicate more chronic inflammatory gastroenteropathy may be considered if clinical signs continue.

PERFORMED BY

Rebekah Jakum, CVT
ARDMS/RVT

HOSPITAL NAME

Stanglein VC

REFERRING VET

Dr. Stanglein

INVOICE

12780

DATE

12.9.2021





PATIENT

Jax Kratzer

SPECIES

Canine

BREED

Dachshund

SEX

Neutered Male

AGE

7 years

WEIGHT

24.6 Pounds

INTERPRETED BY

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

IMAGING PERFORMED BY

Rebekah Jakum, CVT
ARDMS/RVT

HOSPITAL NAME

Stanglein VC

REFERRING VET

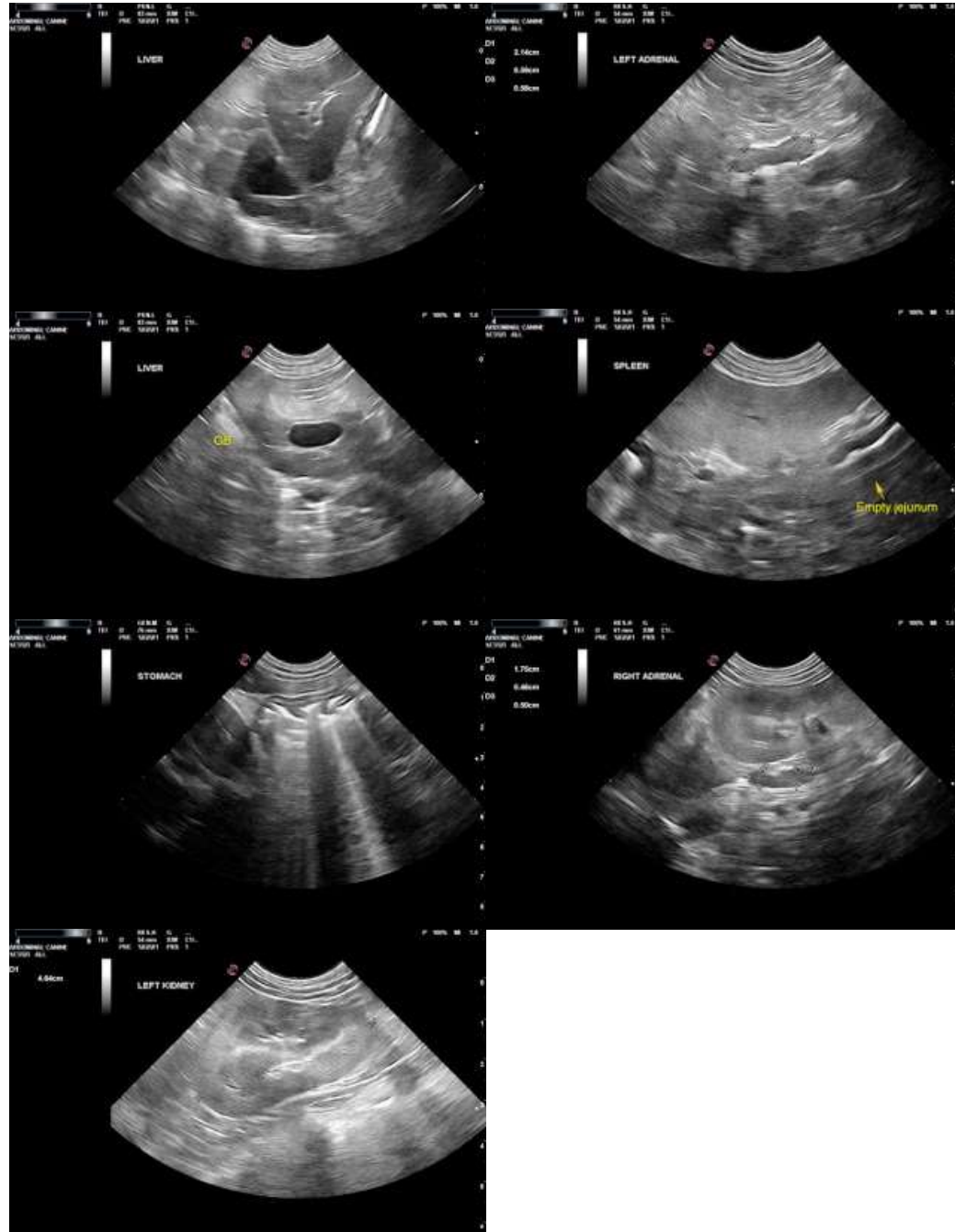
Dr. Stanglein

INVOICE

12780

DATE

12.9.2021



The information and recommendations provided are based on the images presented by the referring veterinarian. 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.

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