



PATIENT

Harley Whitaker

SPECIES

Canine

BREED

Dachshund

SEX

MN

AGE

2yr

WEIGHT

23.04lb

INTERPRETED BY

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

IMAGING PERFORMED BY

Dr. Whitcraft

HOSPITAL NAME

Craig Road AH

REFERRING VET

Dr. Jansen

INVOICE

13495ag

DATE

04/16/2023

PRESENTING CLINICAL SIGNS

Presented on 4/11 for one day duration of vomiting and diarrhea. Bloodwork, AXR, and fecal performed. Symptomatically treated with SC fluids, IV cerenia, and oral omeprazole, metronidazole, proviable TGH. Fed hill's I/D initially then transitioned back to normal food. Did well for 3 days and then started vomiting again on Friday. Stool is now soft instead of diarrhea. Still has good appetite and drinking normally at home. Tense on abdominal palpation. Otherwise unremarkable PE.

Abnormal PE/Chem/CBC/UA Results: CBC/Chem - all values within normal limits 2-view AXR - consistent with gastroenterocolitis Parasite PCR - negative for all parasites

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 3 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 were noted.

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 4.9 cm in length.

The area of the aortic trifurcation was free of pathology.

The area of the residual prostate appeared normal and free of pathology.

Adrenal Glands

The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.50 cm width at the caudal pole and 0.47 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 0.60 cm width at the caudal pole and 0.48 cm width at the cranial pole.

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.

Liver/Gallbladder

The liver was subjectively normal in size, structure, and contour. The liver parenchyma was uniform and hypoechoic to the spleen with a mild coarse echotexture. The hepatic and portal vasculature were normal in appearance without signs of congestion. The gallbladder was non-distended in size with thin walls and primarily anechoic luminal content. The cystic and common bile ducts were normal.

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.



PATIENT

Harley Whitaker

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.

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

SPECIES

Canine

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 was evident.

BREED

Dachshund

Free Abdomen

No omental masses, overt lymphadenopathy or peritoneal effusion was present.

SEX

MN

ULTRASONOGRAPHIC FINDINGS

- Sonographically unremarkable GI tract/colon with soft fecal matter.
- Normal pancreas.

AGE

2yr

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Overall, there is no overt evidence of significant abdominal visceral pathology as a definitive cause of the patient's clinical signs.

WEIGHT

23.04lb

At times the sonographic presentation of the gastrointestinal tract may not correlate with reported gastrointestinal signs. In patients with ongoing GI signs, considerations including dietary intolerance / food hypersensitivity even with recent diet, occult parasitism even with negative fecal testing, dysbiosis, emerging inflammatory bowel disease, low grade to chronic pancreatitis-both of which may present sonographically normal or less likely occult Addison's disease or occult infiltrative neoplasia. Serum cobalamin/folate levels could be considered.

INTERPRETED BY

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

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), continued high colony count probiotic (Provable or Visbiome), +/- limited antibiotic trial to minimize adverse effects on normal GI flora and as needed gastrointestinal support with assessment of clinical response may prove beneficial.

IMAGING PERFORMED BY

Dr. Whitcraft

HOSPITAL NAME

Craig Road AH

REFERRING VET

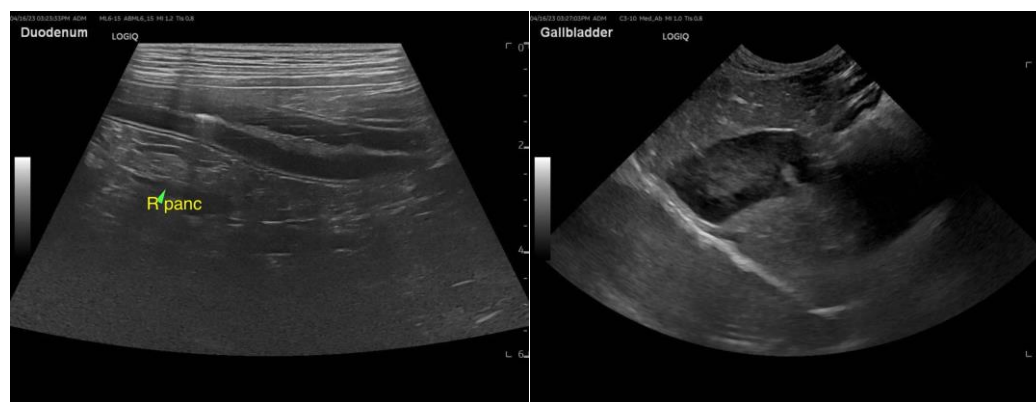
Dr. Jansen

INVOICE

13495ag

DATE

04/16/2023





PATIENT

Harley Whitaker

SPECIES

Canine

BREED

Dachshund

SEX

MN

AGE

2yr

WEIGHT

23.04lb

INTERPRETED BY

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

IMAGING PERFORMED BY

Dr. Whitcraft

HOSPITAL NAME

Craig Road AH

REFERRING VET

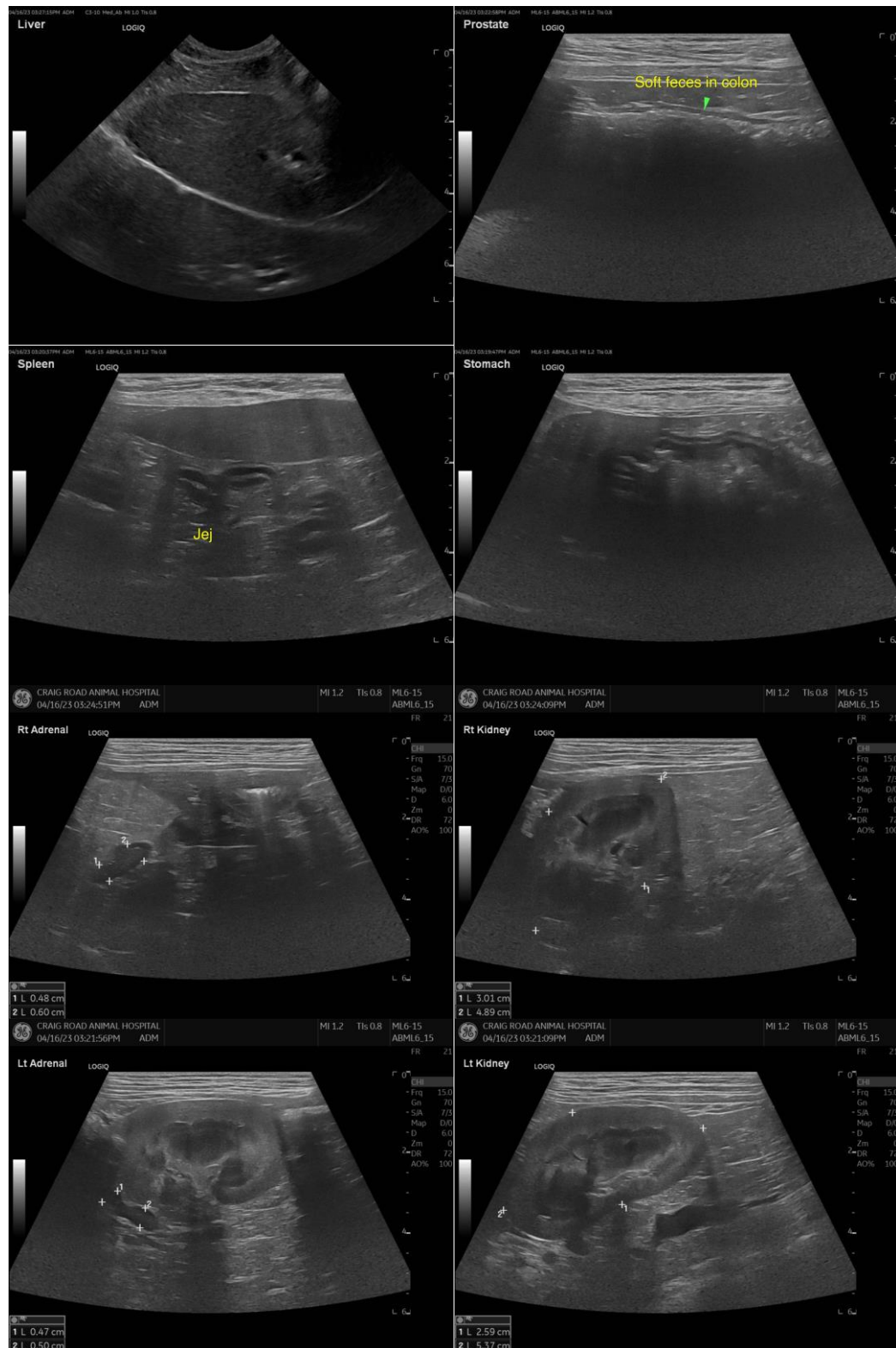
Dr. Jansen

INVOICE

13495ag

DATE

04/16/2023



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.



PATIENT

Harley Whitaker

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.

SPECIES

Canine

R. McKenzie Daniel, DVM, DABVP (Canine/Feline Practice)

mac.daniel@sonopath.com

BREED

Dachshund

SEX

MN

AGE

2yr

WEIGHT

23.04lb

INTERPRETED BY

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

**IMAGING
PERFORMED BY**

Dr. Whitcraft

HOSPITAL NAME

Craig Road AH

REFERRING VET

Dr. Jansen

INVOICE

13495ag

DATE

04/16/2023