



PATIENT

Zeus Dobbin

SPECIES

Canine

BREED

Staffy Mix

SEX

MN

AGE

8yr

WEIGHT

37.9kg

INTERPRETED BY

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

IMAGING PERFORMED BY

Dr. Barthelemy

HOSPITAL NAME

Bridgeland Vet Clinic

REFERRING VET

Dr. Kelman

INVOICE

12461ag

DATE

12/16/2022

PRESENTING CLINICAL SIGNS

Vomiting yesterday several times. No vomiting today but has been on cerenia.

Abnormal PE/Chem/CBC/UA Results: Mild neutrophilia, mild ALP increase.

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra 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 6.7 cm in length. The right kidney measured 6.2 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 0.66 cm width at the caudal pole. The right adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The right adrenal gland measured 0.59 cm width at the caudal pole and 0.49 cm width at the cranial pole.

Spleen

The spleen exhibited potential mild enlargement with generalized parenchyma heterogeneity. A solitary mildly expansive non-homogeneous macronodule was present in the lateral spleen measuring ~ 3 cm in diameter. 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.

Liver

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 gallbladder presentation suggests mild reactive or possible low grade vacuolar hepatopathy. The cystic and common bile ducts were normal.

Gastrointestinal

The stomach presented intact wall layering with a normal wall layer ratio. The stomach was moderately distended with retained echogenic fluid/chyme and intermittent suspended mildly shadowing hyperechoic ingesta/echoes. No signs of ileus, obstruction or foreign material.

The intestinal walls demonstrated intact wall layering and maintained 1:3 muscularis / mucosa ratio. The mucosa exhibited mild decreased echogenicity with occasional mucosal speckling. A segmental to diffuse mild duodenojejunal ileus pattern consisting of mild fluid accumulation in the intestinal lumen was present without overt evidence of obstruction or foreign material.



PATIENT

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

Zeus Dobbin

Pancreas

SPECIES

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.

Canine

Free Abdomen

BREED

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

Staffy Mix

Focal to intermittent, mildly prominent to enlarged mesenteric lymph nodes were present. The lymph nodes were essentially isoechoic to adjacent omentum without evidence of peripheral inflammation and maintaining a normal width: length ratio (<0.5). An example of a lymph node measured 1.6 cm x 0.6 cm. This finding is considered incidental and is not consistent with inflammatory or neoplastic criteria.

SEX

MN

ULTRASONOGRAPHIC FINDINGS

AGE

8yr

- Moderate hypomotile stomach with retained fluid, chyme and non-specific suspended hyperechoic mildly shadowing ingesta/echoes
- Segmental mild duodenojejunal ileus pattern
- Focal to intermittent reactive mesenteric lymph nodes
- Non-specific mildly expansive splenic macronodule-hyperplasia, hematopoiesis, focal splenitis, small hematoma or similar suspected, potential for emerging neoplastic criteria possible

WEIGHT

37.9kg

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Acute gastroenteritis pattern with secondary moderate metabolic gastric and segmental stasis possible. The potential for gastric foreign material and/or possible small amounts of passing intestinal foreign material cannot be excluded. Hospitalization with IVF, GI support, documented 12-hour NPO and sonographic reassessment of the stomach and small intestine is recommended. Exploratory laparotomy for gross inspection of the intestinal tract and with GI biopsies considered essential may be indicated if persistent/progressive GI hypomotility is present. If surgery is elected, gross inspection of the spleen +/- splenectomy is recommended.

INTERPRETED BY

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

IMAGING PERFORMED BY

Dr. Barthelemy

HOSPITAL NAME

Bridgeland Vet Clinic

REFERRING VET

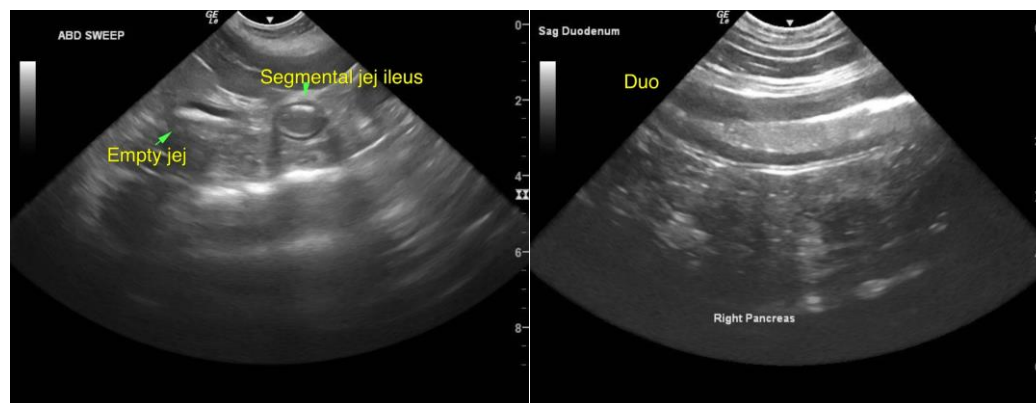
Dr. Kelman

INVOICE

12461ag

DATE

12/16/2022





PATIENT

Zeus Dobbin

SPECIES

Canine

BREED

Staffy Mix

SEX

MN

AGE

8yr

WEIGHT

37.9kg

INTERPRETED BY

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

IMAGING PERFORMED BY

Dr. Barthelemy

HOSPITAL NAME

Bridgeland Vet Clinic

REFERRING VET

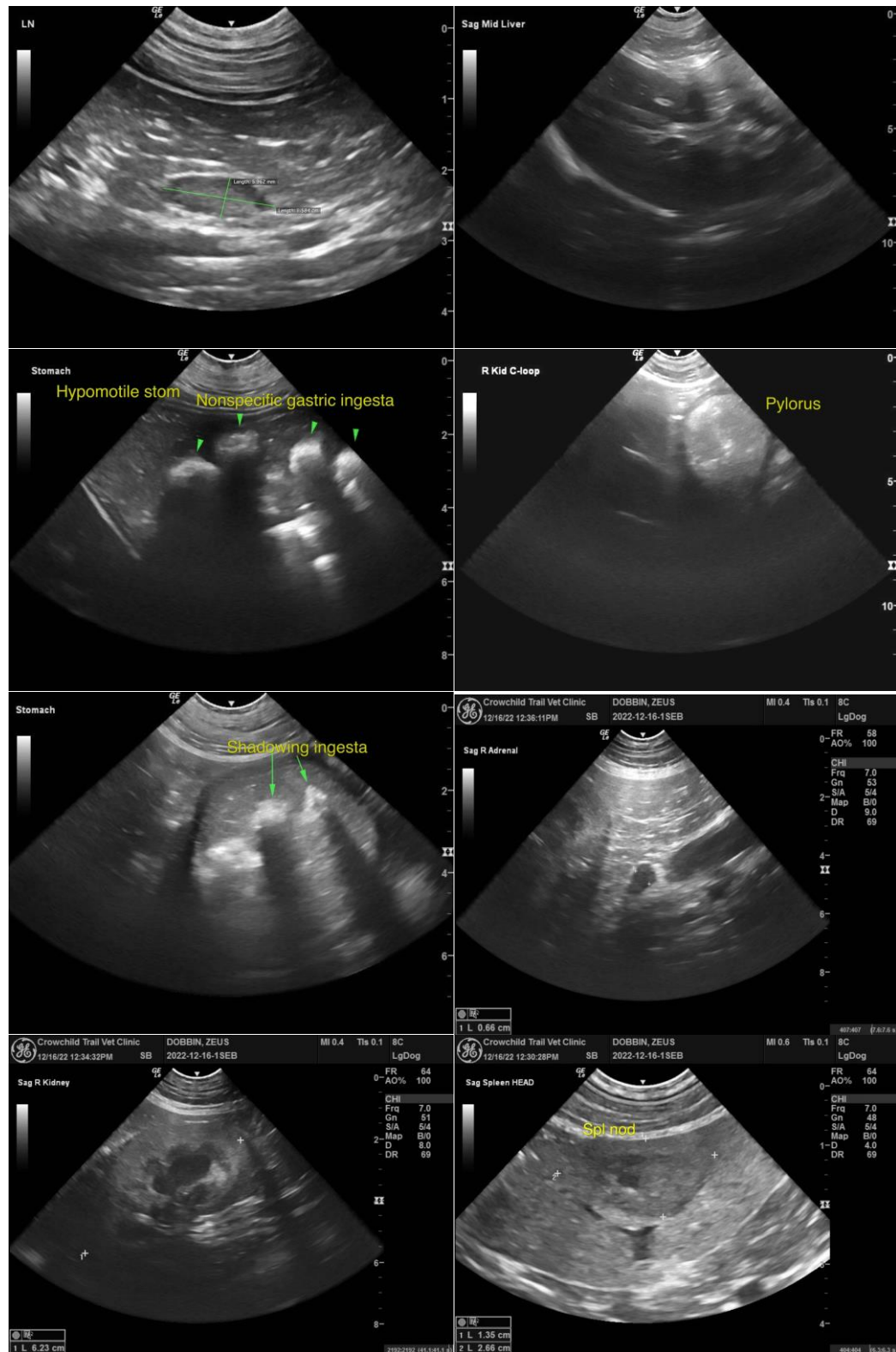
Dr. Kelman

INVOICE

12461ag

DATE

12/16/2022





PATIENT

Zeus Dobbin

SPECIES

Canine

BREED

Staffy Mix

SEX

MN

AGE

8yr

WEIGHT

37.9kg

INTERPRETED BY

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

IMAGING PERFORMED BY

Dr. Barthelemy

HOSPITAL NAME

Bridgeland Vet Clinic

REFERRING VET

Dr. Kelman

INVOICE

12461ag

DATE

12/16/2022



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.

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