



PATIENT

Buddah Cahill

SPECIES

Canine

BREED

Pitbull Mix

SEX

Intact Male

AGE

8 years

WEIGHT

55 lbs

PRESENTING CLINICAL SIGNS

Anorexic x 24 hours, drooling, weight loss x few weeks. Rads: pneumoperitoneum, foreign material in stomach/SI, suspect GI perf. or septic peritonitis. No current meds.

Abnormal PE/Chem/CBC/UA Results: Neu 16.76, lym 0.17, eos 0.01, hct 66.5, alt 145, K+ 3.7

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

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.

The prostate was enlarged in size with intact, symmetrical capsule contour. The margins of the gland were intact and able to be differentiated from the surrounding tissue. The prostatic parenchyma was mildly echogenic to heteroechoic without parenchymal mineralization. The prostate measured 3.0 cm diameter. Anechoic, thinly walled parenchyma cysts were present.

The area of the aortic trifurcation was free of pathology.

INTERPRETED BY

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

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 7.0 cm in length. The right kidney measured 7.4 cm in length.

IMAGING PERFORMED BY

Sari Reffi, CVT

Adrenal Glands

The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 2.9 cm length x 0.59 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 2.9 cm length x 0.84 cm width at the caudal pole.

HOSPITAL NAME

Newton Vet

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.

REFERRING VET

Dr. Chun

INVOICE

12918

Liver/ Gallbladder

DATE

12/30/21

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.



PATIENT

Buddah Cahill

SPECIES

Canine

BREED

Pitbull Mix

SEX

Intact Male

AGE

8 years

WEIGHT

55 lbs

INTERPRETED BY

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

IMAGING PERFORMED BY

Sari Reffi, CVT

HOSPITAL NAME

Newton Vet

REFERRING VET

Dr. Chun

INVOICE

12918

DATE

12/30/21

Gastrointestinal

The stomach exhibited generalized mural thickening with indistinct wall layering. A strongly shadowing ovoid to asymmetrical luminal echo was present in the stomach, measuring approximately 2.0 cm in diameter. The ventral gastric body wall width measured 0.75 cm.

Visualized segments of the small intestine exhibited intact wall layering and primarily maintained a 1:3 muscularis / mucosa ratio. Segmental areas of minor small intestinal ileus were present without overt evidence of an obstructive pattern or definitive concurrent small intestinal foreign material. The small intestinal wall width measured 0.47 cm.

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

Pancreas

The left limb, right limb, and base of the pancreas presented hypoechoic to heterogeneous echogenicity compared to adjacent omental fat. Mild asymmetrical capsule margination was present with mild variable parenchymal swelling and mild peripancreatic reactivity / inflammation. No overt evidence of neoplasia.

Free Abdomen

Subtle evidence of perigastric and peri-intestinal reactive mesentery was present. No overt evidence of peritoneal effusion was noted. Potential areas of reverberation artifact were noted within the ventral abdomen suggestive of free air in the peritoneal space. No evidence of significant lymphadenopathy was present.

ULTRASONOGRAPHIC FINDINGS

Primary Findings

- Gastric foreign body with secondary gastritis, no overt evidence of concurrent small intestine obstructive pattern
- Suspect mild pancreatitis
- Potential focal pneumoperitoneum, no evidence of concurrent peritoneal free fluid

Secondary Findings

- Benign prostatic hyperplasia with parenchymal cysts, potential for prostatitis
- Low-grade hepatopathy - suspect reactive hepatopathy or potential secondary low-grade hepatic inflammation

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Once the patient is stable, exploratory laparotomy with expectation toward gastrotomy and with gross inspection of the small intestine and peritoneal space is recommended. Intestinal biopsies are recommended at the time of surgery to assess for underlying gastrointestinal disease, given the patient's weight loss.



PATIENT

Buddah Cahill

SPECIES

Canine

BREED

Pitbull Mix

SEX

Intact Male

AGE

8 years

WEIGHT

55 lbs

INTERPRETED BY

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

IMAGING PERFORMED BY

Sari Reffi, CVT

HOSPITAL NAME

Newton Vet

REFERRING VET

Dr. Chun

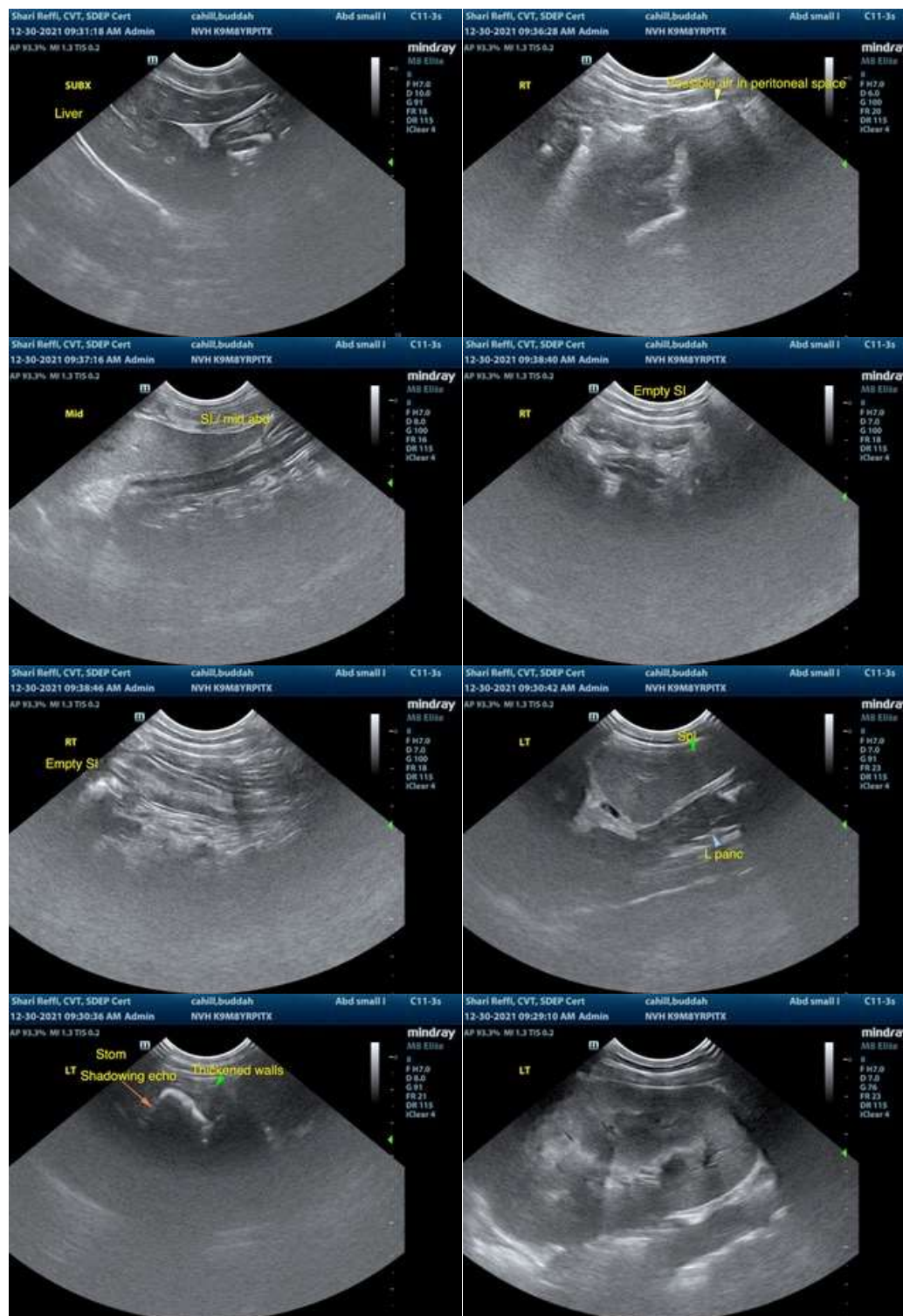
INVOICE

12918

DATE

12/30/21

Overt evidence of peritonitis, given the lack of free fluid, was not definitively evidence, yet the potential for possible gastrointestinal perforation, given suspected pneumoperitoneum, cannot be excluded.





PATIENT

Buddah Cahill

SPECIES

Canine

BREED

Pitbull Mix

SEX

Intact Male

AGE

8 years

WEIGHT

55 lbs

INTERPRETED BY

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

IMAGING PERFORMED BY

Sari Reffi, CVT

HOSPITAL NAME

Newton Vet

REFERRING VET

Dr. Chun

INVOICE

12918

DATE

12/30/21



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)
info@SonoPath.com