

PATIENT PRESENTING CLINICAL SIGNS

Marshmellow Ross

History: anorexia, rapid weight loss over 7 days, vomiting once or twice a day. Patient was alert but depressed. no fever 7% dehydrated on presentation No known toxin or FB ingestion. Omeprazole and Cerenia.

SPECIES

Canine

Abnormal PE/Chem/CBC/UA Results: very mildly elevated GGT otherwise NSF

BREED

Lab X

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 3.0 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 were noted. Aortic trifurcation was normal.

SEX

Neutered Male

No overt pathology in the area of the residual prostate.

AGE

9 Years

Normal size and margination was present in the kidneys. A normal 1:3 cortex / medulla ratio was maintained. The medulla and cortices were uniform in texture with some increased echogenicity and mild loss of corticomedullary symmetry and definition expected for the age of the patient. No evidence of pelvic dilation was present. The left kidney measured 6.5 cm in length. The right kidney measured 6.3 cm in length.

WEIGHT

20.2 kg

Adrenal Glands

The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.37 cm width at the caudal pole and 0.44 cm width at the cranial pole.

INTERPRETED BY

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

No overt pathology in the area of the right adrenal gland.

IMAGING

PERFORMED BY

Crystall Hill

Spleen

The spleen exhibited mild subnormal size, likely owing to volume contraction. The spleen revealed 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

Downtown AH

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.

REFERRING VET

Dr. Ahn

The gallbladder was mildly distended in size containing primarily anechoic content with mild particulate debris. The cystic and common bile ducts were normal. This change is likely secondary to fasting. No overt evidence of posthepatic obstruction.

INVOICE

13763

Gastrointestinal

DATE

2/4/22

The stomach exhibited moderate fluid retention with strongly shadowing luminal echo, measuring approximately 3.0 cm in diameter. The strongly shadowing echo extended into the area of the pylorus.



PATIENT

Marshmellow Ross

Duodenal plication was noted, containing hyperechoic linear echo as well as segmental areas of likely proximal to mid jejunum exhibiting concurrent areas of jejunal plication with linear hypoechoic luminal echo. Subtle evidence of periintestinal reactive mesentery was present. No overt evidence of peritoneal effusion.

SPECIES

Canine

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

Pancreas

BREED

Lab X

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.

SEX

Neutered Male

Free Abdomen

Focal, mildly prominent to enlarged mid abdominal mesenteric root 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 lymph node size measured 4.0 cm x 0.87 cm.

AGE

9 Years

ULTRASONOGRAPHIC FINDINGS

WEIGHT

20.2 kg

- Gastric foreign body, likely anchored with concurrent segmental duodenal and likely jejunal linear foreign body with secondary duodenal and likely jejunal plication
- Associated subjectively benign to reactive mesenteric lymph nodes and regional periintestinal reactive mesentery

INTERPRETED BY

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

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Exploratory laparotomy with expectation toward gastrotomy and enterotomy with likelihood of multiple enterotomies indicated. Subjectively, the intestine exhibited intact wall layering and without overt evidence of significant inflammatory changes. However, some degree of intestinal inflammation is suspected. The possibility of resection anastomosis cannot be definitively excluded, depending upon gross inspection of the intestinal tract at the time of surgery.

IMAGING PERFORMED BY

Crystall Hill

HOSPITAL NAME

Downtown AH

REFERRING VET

Dr. Ahn

INVOICE

13763

DATE

2/4/22





PATIENT

Marshmellow Ross

SPECIES

Canine

BREED

Lab X

SEX

Neutered Male

AGE

9 Years

WEIGHT

20.2 kg

INTERPRETED BY

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

**IMAGING
PERFORMED BY**

Crystall Hill

HOSPITAL NAME

Downtown AH

REFERRING VET

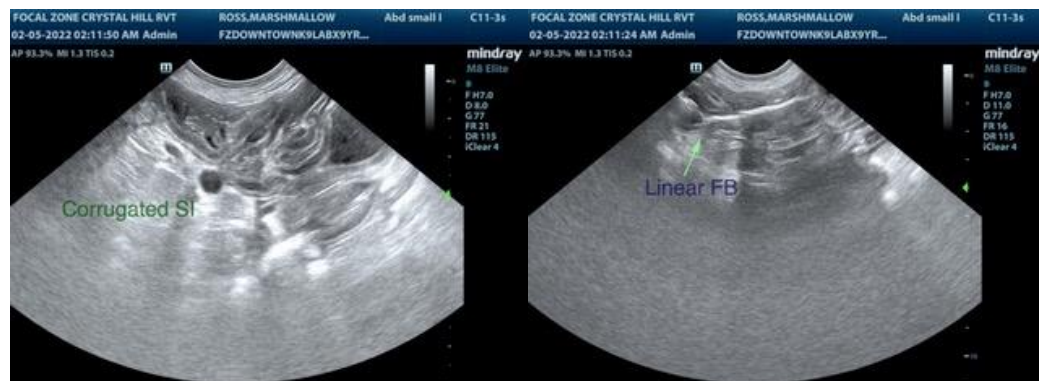
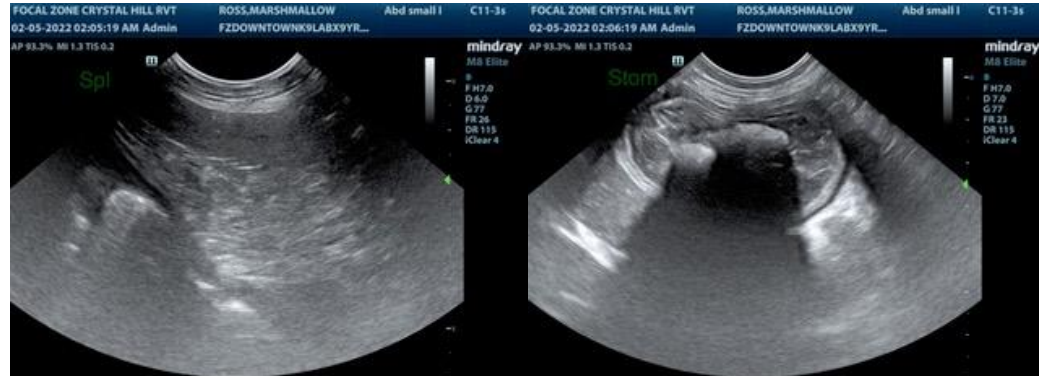
Dr. Ahn

INVOICE

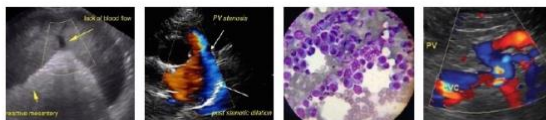
13763

DATE

2/4/22



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



PATIENT

visible in the image/video clips provided.

Marshmellow Ross

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)
info@SonoPath.com

BREED

Lab X

SEX

Neutered Male

AGE

9 Years

WEIGHT

20.2 kg

INTERPRETED BY

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

**IMAGING
PERFORMED BY**

Crystall Hill

HOSPITAL NAME

Downtown AH

REFERRING VET

Dr. Ahn

INVOICE

13763

DATE

2/4/22