



PATIENT

Mika Yanez

SPECIES

Canine

BREED

Golden Retriever

SEX

FS

AGE

5yr

WEIGHT

72.8lb

PRESENTING CLINICAL SIGNS

History: P got into chocolate wrapped in aluminum on Thurs (7/7). P started vom 7/8 after breakfast. P also having diarrhea and is not interested in eating. P currently on Cerenia and administered SQF last night

Abnormal PE/Chem/CBC/UA Results: See attached rads: Mineralized mass, not in gut? Recheck radiographs today showed that mineralized object moved (possibly in colon??) See attached labs: High Mono (2.48), Low EOS (0.02) and Low AMYL (465)

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 2 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 6.6 cm in length. The right kidney measured 6.8 cm in length.

The area of the aortic trifurcation was 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 0.54 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 0.53 cm width at the caudal 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

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 contained moderate retained variably echogenic nonshadowing ingesta and mild luminal gas with no signs of ileus, obstruction or foreign material. The ventral gastric body wall measured 0.66 cm in width.

INTERPRETED BY

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

IMAGING PERFORMED BY

Jasmine Palacios

HOSPITAL NAME

Rivers Edge Pet
Medical Center

REFERRING VET

Dr. Gray

INVOICE

11093ag

DATE

07/11/2022



PATIENT

Mika Yanez

The small intestine presented intact wall layering with 1:3 muscularis/mucosa ratio. Segments of empty small intestine were present along with areas of segmental prominent small bowel wall layering exhibiting areas of bowel corrugation with variable small intestinal ileus more prominently in the mid to caudal abdomen. The duodenum wall measured 0.53 cm in width. The jejunum wall measured up to 0.41 cm in width.

SPECIES

Canine

The colon exhibited intact yet mildly prominent wall layering with segmental to generalized mild to variable colonic distention containing nonformed to liquid feces. A strongly shadowing echo was present in the subjective area of the descending colon cranial to the iliac trifurcation measuring approximately 4.5-5 cm in diameter.

BREED

Golden Retriever

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.

SEX

FS

Free Abdomen

AGE

5yr

Mild peri intestinal hyperechoic mesentery was noted along with pockets of scant free fluid between adjacent intestinal loops and within the cranial abdomen around the ventral liver margins.

Solitary to potential intermittent mildly prominent to enlarged mesenteric node was present. The lymph node was essentially isoechoic to adjacent omentum without evidence of peripheral inflammation and maintaining a normal width: length ratio (<0.5). The lymph node measured 3.6 cm x 1.1 cm.

WEIGHT

72.8lb

ULTRASONOGRAPHIC FINDINGS

- Segmental moderate enteritis pattern with small bowel ileus-suspect involving the distal small bowel
- Colitis pattern with colonic distention and nonformed to liquid feces
- Strongly shadowing echo in the area of the descending colon cranial to the iliac trifurcation
- Retained gastric ingesta/chyme-potential nonobstructive gastric stasis
- Focal to intermittent benign/reactive mesenteric lymph nodes

INTERPRETED BY

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

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

It is suspected that the previously ingested foreign body has made its way into the colon yet likely has resulted in secondary intestinal inflammation in passage. Continued GI supportive care with monitoring of fecal output and radiographic monitoring over the next 24 hours would be reasonable. If persistent radiographic evidence of the object or persistent GI signs, a recheck sonogram vs exploratory laparotomy with gross inspection of the GI tract +/- intestinal biopsies may be indicated.

IMAGING PERFORMED BY

Jasmine Palacios

HOSPITAL NAME

Rivers Edge Pet
Medical Center

REFERRING VET

Dr. Gray

INVOICE

11093ag

DATE

07/11/2022



PATIENT

Mika Yanez

SPECIES

Canine

BREED

Golden Retriever

SEX

FS

AGE

5yr

WEIGHT

72.8lb

INTERPRETED BY

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

IMAGING PERFORMED BY

Jasmine Palacios

HOSPITAL NAME

Rivers Edge Pet
Medical Center

REFERRING VET

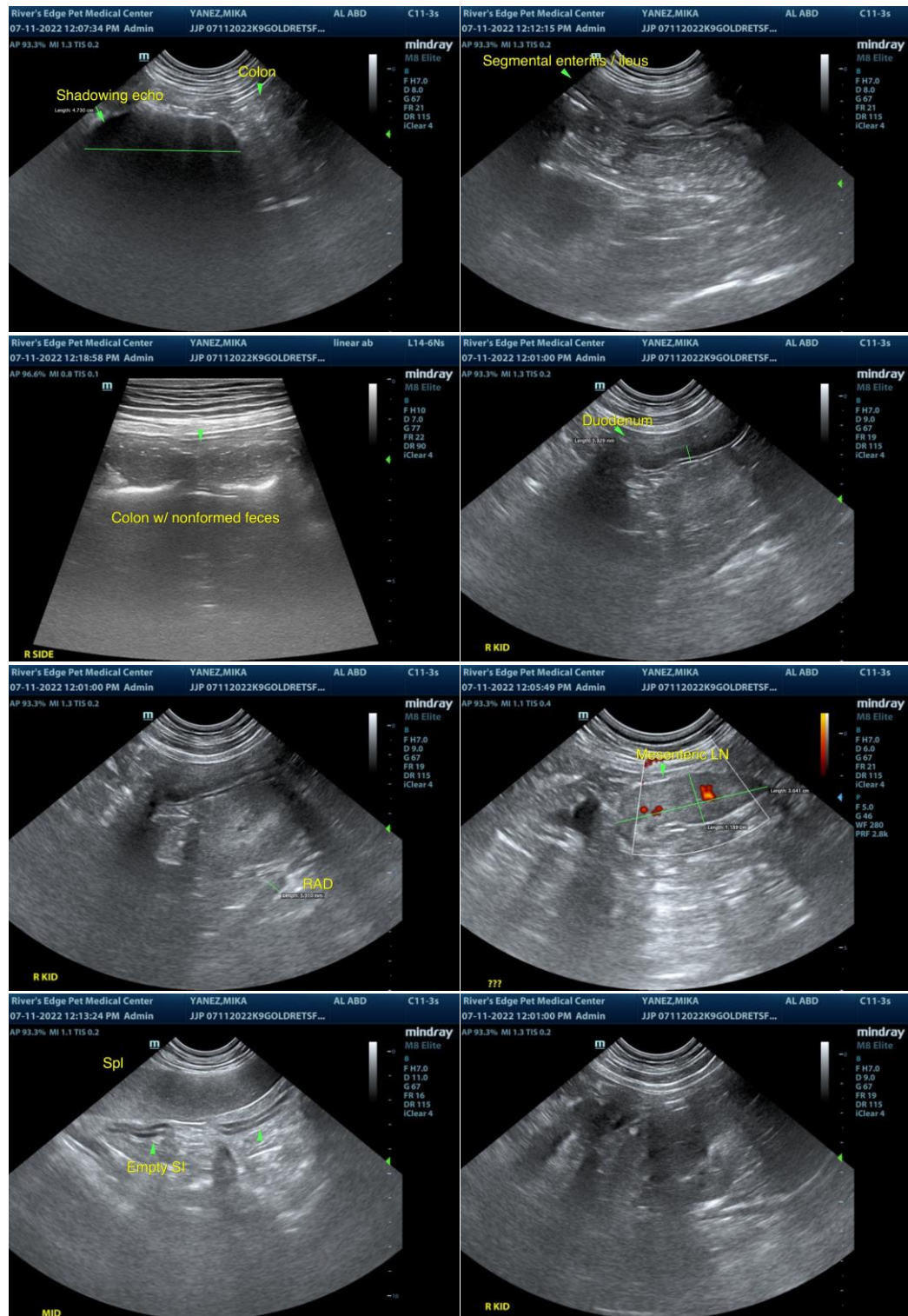
Dr. Gray

INVOICE

11093ag

DATE

07/11/2022





PATIENT

Mika Yanez

SPECIES

Canine

BREED

Golden Retriever

SEX

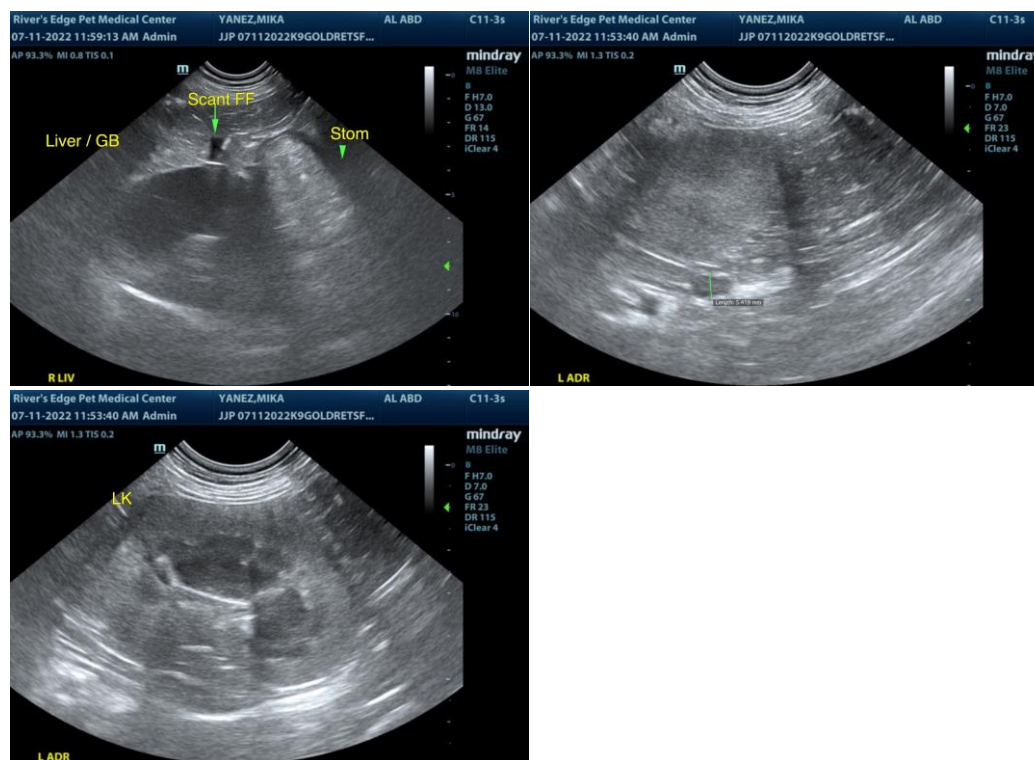
FS

AGE

5yr

WEIGHT

72.8lb



INTERPRETED BY

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

IMAGING PERFORMED BY

Jasmine Palacios

HOSPITAL NAME

Rivers Edge Pet
Medical Center

REFERRING VET

Dr. Gray

INVOICE

11093ag

DATE

07/11/2022

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)

info@SonoPath.com