



PATIENT

Toro Tena Garcia

SPECIES

Canine

BREED

Pit Bull

SEX

Neutered male

AGE

12 months

WEIGHT

38.6 pounds

INTERPRETED BY

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

**IMAGING
PERFORMED BY**

Dr. Belan

HOSPITAL NAME

McKnight 24 Hour
AH

REFERRING VET

Dr. Alonso

INVOICE

10161ag

DATE

03/15/2022

PRESENTING CLINICAL SIGNS

History: Ate non toxic ice melter has been vomiting for last 3 days lethargic and not eating. On fluids and supportive treatment

Abnormal PE/Chem/CBC/UA Results: Non diagnostic

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 right kidney measured 7.5 cm in length. The left kidney measured 7.5 cm in length.

Adrenal Glands

The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.40 cm width at the caudal pole and 0.40 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 0.58 cm width at the caudal pole and 0.81 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

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 small intestine exhibited marked distension with retained anechoic to mildly echogenic fluid and chyme. The fluid distension extended to the pylorus without overt evidence of mechanical pyloric outflow obstruction and continued into the duodenum and segmental jejunum. Generalized duodenum and segmental jejunum fluid retention exhibiting both oral and aboral movement with a strongly shadowing intestinal echo measuring approximately 2-2.5 cm was present in the subjective mid to caudal abdomen. Empty small intestine, likely jejunum, extending into the ileum was noted and is likely distal to the shadowing intestinal echo. Areas of gastric and segmental intestinal fluid dilation were observed with subtle evidence of regional peri intestinal reactive mesentery and prominent primarily



PATIENT	homogeneous mesenteric lymph nodes. Example of a mesenteric node measured 2.1 cm x 0.79 cm. A small pocket of scant free fluid was noted in the cranial abdomen between the stomach and the caudal liver.
Toro Tena Garcia	
SPECIES	Otherwise, the stomach and small intestine exhibited intact wall layering and maintained a 1:3 muscularis/mucosa ratio. No overt evidence of obstructive pathology such as intussusception was obvious.
Canine	Pancreas
BREED	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.
Pit Bull	Free Abdomen
SEX	Prominent mesenteric lymph nodes were present. The lymph nodes exhibited symmetrical to rounded margination with normal width: length ratio (>0.5). The enlarged lymph nodes were bordered by echogenic to reactive mesentery. The mesenteric root lymph nodes measured 2.1 cm length x 0.79 cm width.
Neutered male	
AGE	A small pocket of scant free fluid observed in the cranial abdomen between the stomach and caudal liver.
12 months	
WEIGHT	ULTRASONOGRAPHIC FINDINGS
38.6 pounds	<ul style="list-style-type: none">• Strongly shadowing intestinal luminal echo consistent with foreign body with associated proximal obstructive pattern, empty small intestine likely distal.• Mild associated peri intestinal reactive mesentery and benign lymphadenopathy -probable secondary lymphoid hyperplasia or mild reactive lymphadenitis suspected.• Small pocket of scant free fluid between the distended stomach and caudal liver.
INTERPRETED BY	INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS
R. McKenzie Daniel, DVM, DABVP (Canine and Feline)	Exploratory laparotomy for further clarification with expectation toward enterotomy as well as gross inspection of the entire gastrointestinal tract is recommended.
IMAGING PERFORMED BY Dr. Belan	Minor potential for emerging peritonitis cannot be definitively excluded yet evidence of significant peritoneal effusion was not present.
HOSPITAL NAME	Intestinal biopsies may be considered to assess for underlying gastrointestinal disease despite exploratory findings.
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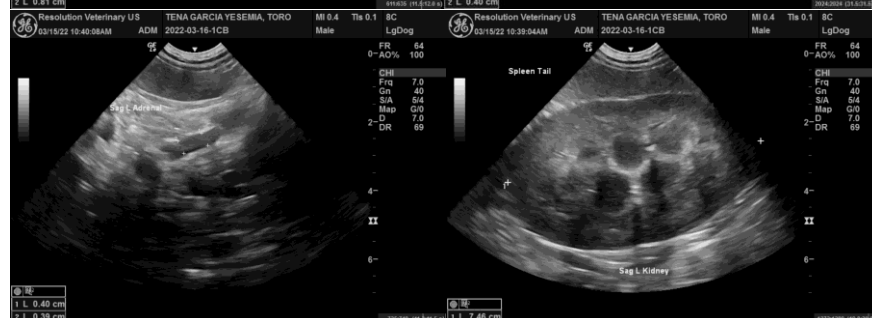
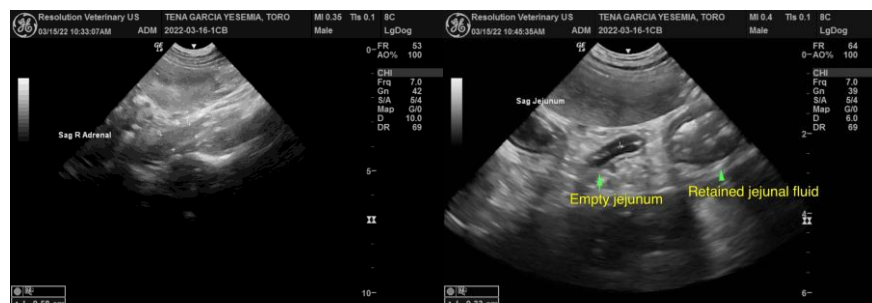
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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.

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info@SonoPath.com

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