



PATIENT

Roka Karamartin

PRESENTING CLINICAL SIGNS

Possible foreign body causing vomiting and retching. Bloods pending.

SPECIES

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The urinary bladder is moderately distended with anechoic contents. No masses, inflammatory changes, echogenic sediment or cystoliths are observed. The urinary bladder, trigone and visible pelvic urethra are normal in thickness with a smooth mucosal surface.

BREED

French Bulldog

Prostate is normal in size, echotexture and echogenicity for a neutered male.

SEX

Neutered Male

The right kidney is normal in size (3.75 cm), shape and echogenicity. It has smooth peripheral margination. There is a normal 1:3 cortex to medulla ratio with appropriate corticomedullary distinction. There is no evidence of pyelectasia, mineral or infarcts observed.

AGE

4 Years

The left kidney is normal in size (4.03 cm), shape and echogenicity. It has smooth peripheral margination. There is a normal 1:3 cortex to medulla ratio with appropriate corticomedullary distinction. There is no evidence of pyelectasia, mineral or infarcts observed.

Adrenal Glands

WEIGHT

26 Pounds

The right adrenal gland is normal in size (1.94 cm long x 0.39 cm at the cranial pole and 0.46 cm at the caudal pole), shape and contour. Corticomedullary structure is unremarkable. Visible surrounding vasculature appears normal.

The left adrenal gland is normal in size (1.7 cm long x 0.41 cm at the cranial pole and 0.64 cm at the caudal pole), shape and contour. Corticomedullary structure is unremarkable. Visible surrounding vasculature appears normal.

INTERPRETED BY

Beth Johnson, DVM
DACVIM

Spleen

The spleen is subjectively normal in size with a normal smooth capsular contour. Parenchyma is appropriately finely textured and homogenous with normal echogenicity relative to surrounding tissue (hyperechoic to liver). No focal nodules or masses are observed. Splenic vasculature appears normal.

IMAGING PERFORMED BY

Kelly Vazquez

Liver

HOSPITAL NAME

Animal General
on the Hudson

The liver is subjectively small in size with normal smooth curvilinear peripheral contour. Parenchyma is appropriately hypoechoic to the spleen in echogenicity and appropriately mildly coarse and homogenous in echotexture. No focal lesions are observed. Visible vasculature and biliary tree appear normal without distension or congestion.

REFERRING VET

Dr. Stefanie Lang

The gallbladder is non-distended in size. The wall is smooth without visible thickening. Luminal contents are primarily anechoic. There is no evidence of cystic or common bile duct dilation.

Gastrointestinal

INVOICE

43947

The stomach wall is normal in thickness (canine < 0.5 cm and feline < 0.4 cm) and layering. The lumen of the stomach is empty with no evidence of obstruction, foreign material or infiltrative disease. Pyloric outflow tract appears patent.

DATE

1/4/23

The visible small intestines are normal in wall thickness and layering (canine duodenum < 0.5 cm and feline duodenum < 0.4 cm; other < 0.3 cm). Small intestinal motility appears adequate (1-3 contractions



PATIENT	per min). The lumen of the small intestine is empty with no evidence of obstruction, foreign material or infiltrative disease.
Roka Karamartin	
SPECIES	The visible colon is normal in wall thickness (< 0.2 cm) and layering. Contents are consistent with normal formed feces and gas.
Canine	Pancreas
BREED	The pancreatic parenchyma is appropriately isoechoic to surrounding tissue. Visible capsule is smooth and normal in contour. There is no visible pancreatic duct dilation. There is no evidence of active peripancreatic inflammation.
French Bulldog	Free Abdomen
SEX	There is no evidence of free peritoneal effusion noted in these images.
Neutered Male	There is no apparent lymphadenopathy noted in these images.
AGE	ULTRASONOGRAPHIC FINDINGS
4 Years	<ul style="list-style-type: none"> Subjectively mild microhepatica – Rule outs include normal patient variant versus chronic end stage hepatopathy or vascular anomaly. This finding should be interpreted in combination with supporting clinical signs and/or laboratory changes. Otherwise, this is a relatively unremarkable abdomen with an obvious visible cause for the patient’s vomiting/retching.
WEIGHT	INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS
26 Pounds	Bile acids are recommended, especially if the pending lab work is at all suggestive of a hepatopathy, but only if bilirubin is normal.
INTERPRETED BY	Additionally, given the reported vomiting/retching, if that indicates concurrent regurgitation, thoracic radiographs for further esophageal evaluation are recommended.
Beth Johnson, DVM DACVIM	A fecal exam is recommended if not recently evaluated, as is A gastrointestinal malabsorption panel (including cobalamin, folate, TLI and PLI) to Texas A&M GI Laboratory.
IMAGING PERFORMED BY	In the meantime, empirical supportive/symptomatic medical management of gastritis/gastroenteritis is recommended with antiemetics as needed and a course of gastroprotectants +/- transition (if tolerated based on trial and error response) in diet, beginning with a hydrolyzed protein diet or potential transition to a bland, easy to digest, or even low-fat diet based on patient response.
Kelly Vazquez	Empirical deworming with a 5-day course of Panacur is also recommended. A treatment course for helicobacter could also be considered empirically.
HOSPITAL NAME	Given signalment, if clinical signs persist, upper GI gastroscopy/endoscopy is recommended for further visual evaluation of the pyloric area and biopsies.
Animal General on the Hudson	
REFERRING VET	
Dr. Stefanie Lang	
INVOICE	
43947	
DATE	
1/4/23	



PATIENT

Roka Karamartin

SPECIES

Canine

BREED

French Bulldog

SEX

Neutered Male

AGE

4 Years

WEIGHT

26 Pounds

INTERPRETED BY

Beth Johnson, DVM
DACVIM

IMAGING PERFORMED BY

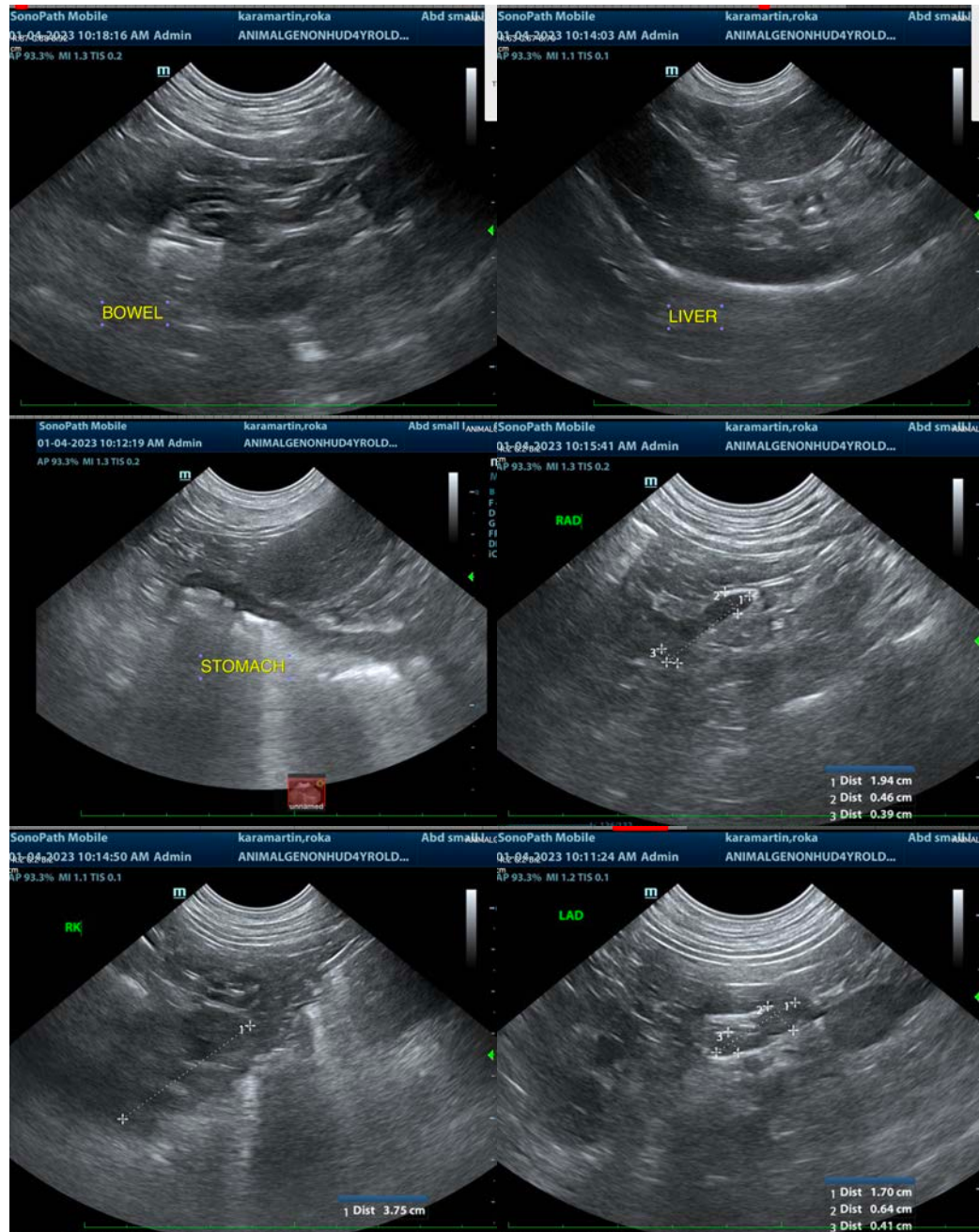
Kelly Vazquez

HOSPITAL NAME

Animal General
on the Hudson

REFERRING VET

Dr. Stefanie Lang



INVOICE

43947

DATE

1/4/23



PATIENT

Roka Karamartin

SPECIES

Canine

BREED

French Bulldog

SEX

Neutered Male

AGE

4 Years

WEIGHT

26 Pounds

INTERPRETED BY

Beth Johnson, DVM
DACVIM

IMAGING PERFORMED BY

Kelly Vazquez

HOSPITAL NAME

Animal General
on the Hudson

REFERRING VET

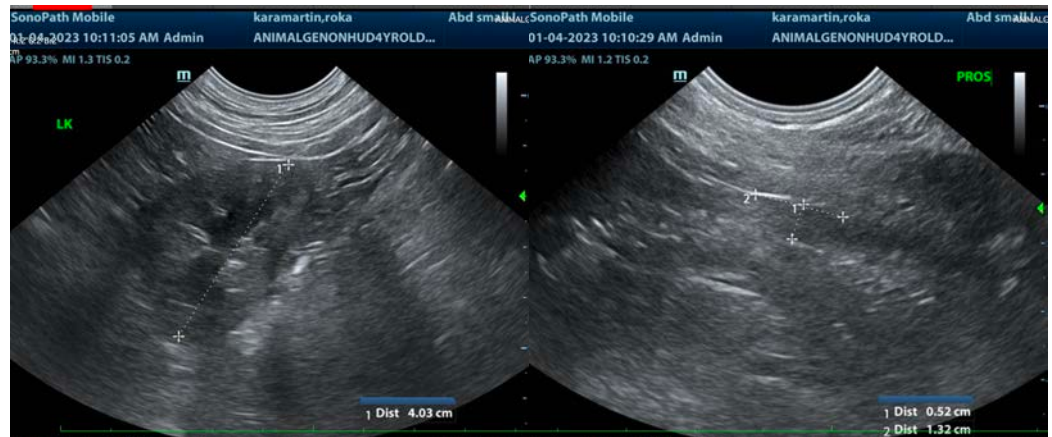
Dr. Stefanie Lang

INVOICE

43947

DATE

1/4/23



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.

Beth Johnson, DVM, DACVIM
Beth.Johnson@sonopath.com