



PATIENT	PRESENTING CLINICAL SIGNS
Cooper Battaglia	History: Initially presented 4/30 for vomiting and regurgitation. Diagnosed with / treated for pancreatitis.
SPECIES	Abnormal PE/Chem/CBC/UA Results: PE nausea and abdominal pain. 4/30 labs CBC - HCT 58.6%, WBC 32.36k, Neut 29.15k, suspect bands, Mono 1.78k, Chem17 - Crea 1.5, BUN 30, Glob 5.2 (Alb 2.7), Amyl >2500, Lipase 5999, rest wnl. Lytes - Na did not run, K 3.9, Cl 114 Lac - 2.86 Abdominal rads - No obstructive pattern present. FAST scan - No free abdominal fluid. No obvious masses present. cPL: >2000 5/2 labs EPOC - HCT 51%, rest wnl ALB = 2.4
Canine	
BREED	ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN
Boxer	
SEX	Urinary System
Neutered Male	The urinary bladder , trigone, and pelvic urethra presented normal thicknesses and normal tone. The ureters were not visible which is normal. No uroliths or sediment were visualized, and anechoic urine was present. No evidence of inflammatory or neoplastic changes were noted. Ureteral papillae were normal. The pelvic urethra was imaged 2.0 cm beyond the cystourethral junction.
AGE	The kidneys were normal in size and contour with trace pyelectasia noted. Minor increased cortical echogenicity noted. The left kidney measured 7.4 cm. The right kidney measured 8.28 cm.
6 Years	
WEIGHT	Adrenal Glands
78 Pounds	Both adrenal glands were visualized and recognized as having normal shape, size, position and echogenicity for this breed. The phrenic vasculature, glandular echogenicity and detail were unremarkable. Capsule, cortex, and medullary definition were normal for this age patient. The left adrenal gland measured 1.7 cm x 0.62 cm at the cranial pole and 0.59 cm at the caudal pole. The right adrenal gland measured 2.79 cm x 0.64 cm.
INTERPRETED BY	Spleen
Eric Lindquist, DMV DABVP, Cert. IVUSS	The spleen presented a smooth homogeneous parenchyma hyperechoic to liver and renal cortical parenchyma. The capsule was smooth without noticeable expansion or deviation from within the spleen or adjacent pathology. The splenic vasculature demonstrated normal volume without signs of congestion or thrombosis. No sonographic evidence of acute or chronic inflammatory, neoplastic, or infarctual changes were noted.
IMAGING PERFORMED BY	Liver
Kalenius	The liver revealed slight increased portal markings with uniform parenchyma. Minor gallbladder debris noted.
HOSPITAL NAME	Gastrointestinal
Willamette VH	The stomach was hyperperistaltic with edematous wall and empty lumen (other than anechoic fluid). Enhanced mesentery noted around the upper duodenum which also presented hyperperistalsis and minor luminal dilation. The distal duodenum revealed a foreign body obstruction and reactive mesentery. The structure measured approximately 3.0 cm, consistent with cork or similar material.
REFERRING VET	Pancreas
Dr. Couser	Enhanced mesentery noted around the right pancreatic limb .
INVOICE	
15001	
DATE	
5/2/22	



PATIENT

Cooper Battaglia

SPECIES

Canine

BREED

Boxer

SEX

Neutered Male

AGE

6 Years

WEIGHT

78 Pounds

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Kalenius

HOSPITAL NAME

Willamette VH

REFERRING VET

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ULTRASONOGRAPHIC FINDINGS

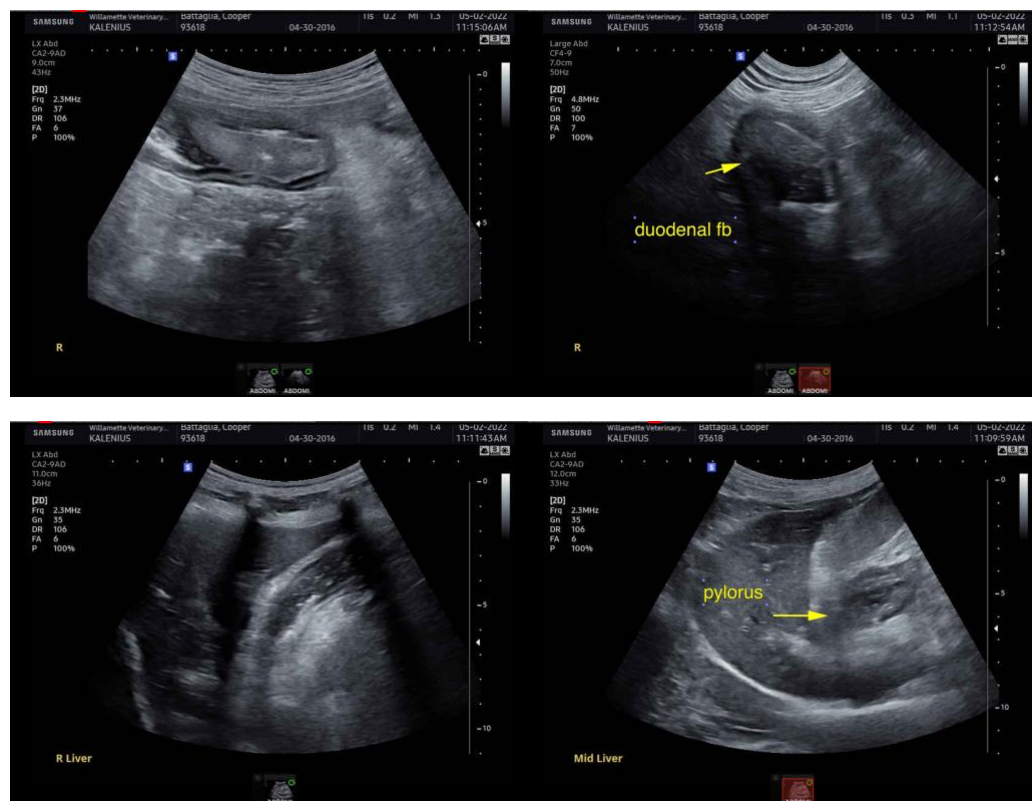
- Duodenal foreign body with regional inflammation/gastroenteritis pattern- cork or similar material suspected
- Secondary pancreatic inflammation
- Liver, increased portal markings
- Minor increased cortical echogenicity and pyelectasia in both kidneys

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Enterotomy and GI biopsies recommended.

GI Foreign Body Research

According to SonoPath research presented at ECVIM 2016 (Stockholm, Sweden), Advances in Small Animal Medicine and Surgery (May 2017), and EVDI 2017 (Verona, Italy), concurrent underlying chronic inflammatory neoplastic intestinal disease can often reside in PICA patients. Therefore, surgical biopsies are essential in this case regardless of the exploratory findings.





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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.

SPECIES

Canine

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.

BREED

Boxer

Eric Lindquist, DMV, DABVP, Cert. IVUSS, CEO of SonoPath.com
info@SonoPath.com

SEX

Neutered Male

AGE

6 Years

WEIGHT

78 Pounds

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**IMAGING
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