



PATIENT	PRESENTING CLINICAL SIGNS
Kora Cubias	1 week on/off vomiting Current meds: Interceptor, credilio Abnormal PE/Chem/CBC/UA Results: Thrombocytopenia, eosinophilia
SPECIES	ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN
Canine	Urinary System
BREED	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.
Mix	
SEX	The right kidney is normal in size (5.08 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.
Spayed Female	
AGE	The left kidney is normal in size (5.54 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.
1 Year	
WEIGHT	Adrenal Glands
50.4 Pounds	The right adrenal gland is normal in size (1.97 cm long x 0.46 cm at the caudal pole and 1.0 cm at the cranial pole), shape and contour. Corticomedullary structure is unremarkable. Visible surrounding vasculature appears normal.
INTERPRETED BY	The left adrenal gland is normal in size (1.79 cm long x 0.653 cm at the cranial pole and 0.44 cm at the caudal pole), shape and contour. Corticomedullary structure is unremarkable. Visible surrounding vasculature appears normal.
Beth Johnson, DVM DACVIM	
IMAGING PERFORMED BY	Spleen
Val Shumskaya	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.
HOSPITAL NAME	Liver
AH of Roxbury	The liver is subjectively normal 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	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.
Dr. Hickenbottom	
INVOICE	Gastrointestinal
43215	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	The visible small intestine demonstrates areas of subtly/mildly thick muscularis layer relative to mucosa (disruption of the normal 1:3 muscularis:mucosa ratio). Small intestinal submucosa is slightly irregular, thick and hyperechoic, without evident loss of layering appreciated. The lumen is empty with no evidence of obstruction or foreign material.
6/15/23	



PATIENT

Kora Cubias

The visible colon is normal in wall thickness (< 0.2 cm) and layering. Contents are consistent with normal formed feces and gas.

SPECIES

Pancreas

Canine

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.

BREED

Mix

Free Abdomen

SEX

There is no evidence of free peritoneal effusion noted in these images.

Spayed Female

There is no apparent lymphadenopathy noted in these images.

AGE

1 Year

ULTRASONOGRAPHIC FINDINGS

- **Inflammatory bowel disease (IBD) pattern** – Thick muscularis has been reported with infiltrative bowel disease including both benign inflammatory disease as well as infiltrative neoplasia such as lymphoma. No aggressive lymphadenopathy, loss of layering, etc. is noted to make lymphoma more probable, but lymphoma cannot be definitively ruled out without tissue sampling.
- Otherwise, this is a relatively unremarkable/normal abdomen.

WEIGHT

50.4 Pounds

INTERPRETED BY

Beth Johnson, DVM
DACVIM

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Given the reported eosinophilia combined with the mild bowel changes, and if not recently evaluated, a fecal exam is recommended.

IMAGING PERFORMED BY

Val Shumskaya

A gastrointestinal malabsorption panel (including cobalamin, folate, TLI and PLI) to Texas A&M GI Laboratory is recommended for further evaluation of GI and pancreatic function.

A baseline cortisol is recommended. If baseline cortisol is less than 2, a full ACTH stimulation test is recommended to rule out hypoadrenocorticism.

HOSPITAL NAME

AH of Roxbury

In the meantime, empirical deworming with a 5-day course of Panacur is recommended, as is (to address a possible food allergy causing the eosinophilia, if tolerated), a transition in diet to a hydrolyzed protein diet. Some patients respond better to one brand or version of hydrolyzed protein diet over another, so several trials are sometimes warranted.

REFERRING VET

Dr. Hickenbottom

If clinical signs persist, ultimately further evaluation of the GI tract via biopsies may be necessary.

INVOICE

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DATE

6/15/23



PATIENT

Kora Cubias

SPECIES

Canine

BREED

Mix

SEX

Spayed Female

AGE

1 Year

WEIGHT

50.4 Pounds

INTERPRETED BY

Beth Johnson, DVM
DACVIM

IMAGING PERFORMED BY

Val Shumskaya

HOSPITAL NAME

AH of Roxbury

REFERRING VET

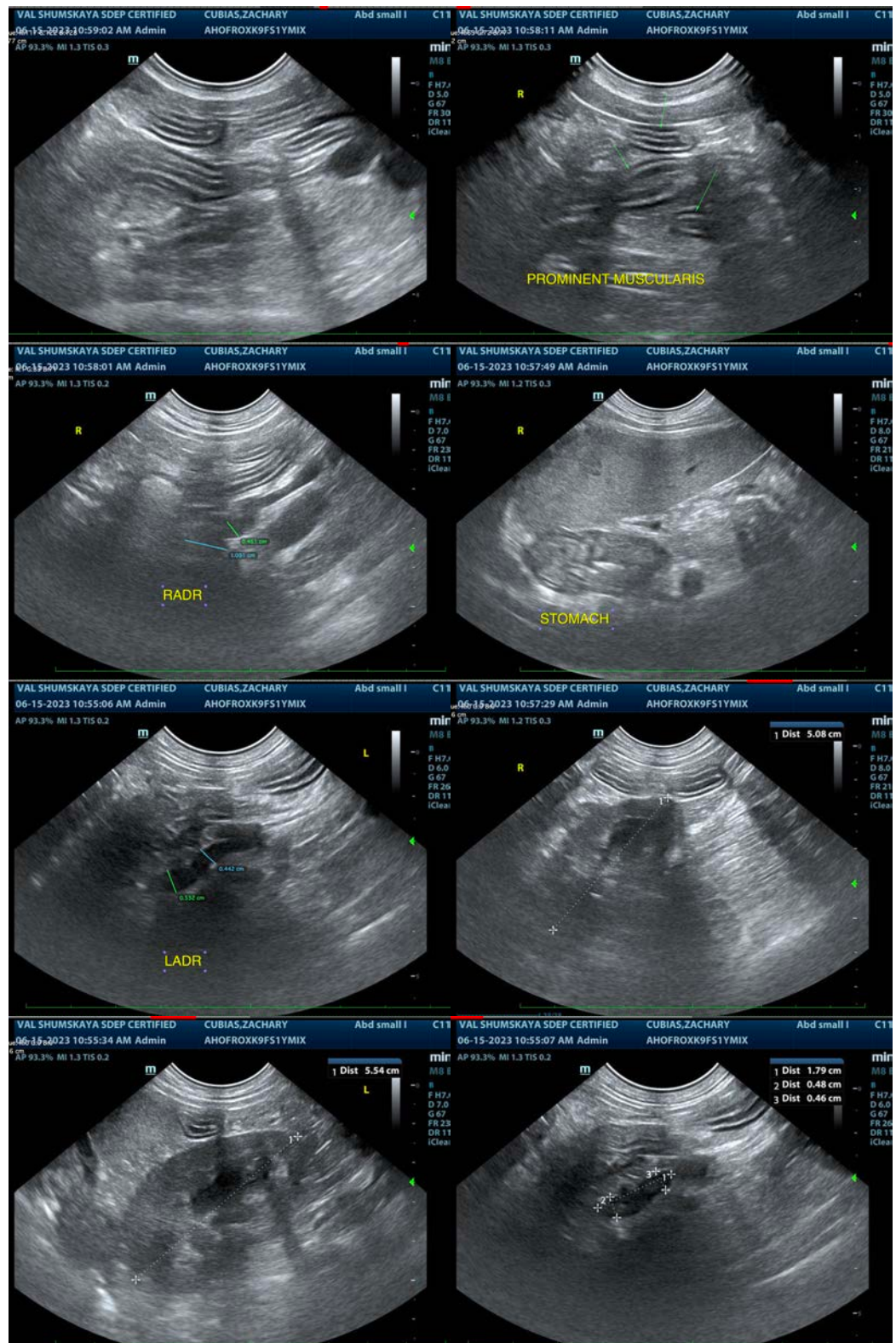
Dr. Hickenbottom

INVOICE

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DATE

6/15/23





PATIENT

Kora Cubias

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.

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

Mix

Beth Johnson, DVM, DACVIM
info@sonopath.com

SEX

Spayed Female

AGE

1 Year

WEIGHT

50.4 Pounds

INTERPRETED BY

Beth Johnson, DVM
DACVIM

**IMAGING
PERFORMED BY**

Val Shumskaya

HOSPITAL NAME

AH of Roxbury

REFERRING VET

Dr. Hickenbottom

INVOICE

43215

DATE

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