



PATIENT

Ari Dixon

SPECIES

Canine

BREED

Cairn Terrier

SEX

Spayed female

AGE

14 years

WEIGHT

13.2 lbs

INTERPRETED BY

Kathleen Sennello
DVM,MS, Diplomate
ACVIM (Small animal
Internal Medicine)

IMAGING PERFORMED BY

Shari Reffi, CVT

HOSPITAL NAME

Basking Ridge AH

REFERRING VET

Dr. Blachek

INVOICE

42950

DATE

2/24/23

PRESENTING CLINICAL SIGNS

History: Recurring GI signs ~3mos. Hx of grade IV/VI murmur. Possible seizures/collapsing episodes. BP 150, 160, 155. Current meds: Metacam, Metronidazole
Abnormal PE/Chem/CBC/UA Results: Na/k 23, K 6.5, ACTH wnl

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The urinary bladder is moderately distended with anechoic urine. The Bladder wall, trigone, ureteral papillae and visible urethra (to a depth of 2cm) appear normal with no evidence of wall thickening, mucosal irregularities, masses or cystic calculi.

The left kidney has a normal shape and size (3.53 cm). Overall echogenicity is slightly hyperechoic with poor corticomedullary distinction and a typical 1:3 cortex:medulla ratio. There is no evidence of perinephric inflammation or effusion. There is no evidence of pyelectasia, nephroliths, infarcts or hydroureter. Renal vasculature is normal.

The right kidney has a normal shape and size (3.84 cm). Overall echogenicity is slightly hyperechoic with poor corticomedullary distinction and a typical 1:3 cortex:medulla ratio. There is no evidence of perinephric inflammation or effusion. There is no evidence of pyelectasia, nephroliths, infarcts or hydroureter. Renal vasculature is normal.

Adrenal Glands

The left adrenal gland is normal in size measuring 0.61 cm at the caudal pole It is observed in its normal position cranial to the left renal artery. It is normal in appearance (uniformly hypoechoic) and shape with no evidence of a mass effect.

The right adrenal gland is normal in size measuring 0.45 cm at the caudal pole It is observed in its normal position between the cranial aspect of the right kidney and the caudal vena cava. It is normal in appearance (uniformly hypoechoic) and shape with no evidence of a mass effect.

Spleen

The spleen is subjectively normal in size, echotexture is homogenous, and the splenic capsule is smooth with no irregularities. The blood flow through the hilus and splenic parenchyma appears normal. No focal parenchymal abnormalities are visualized.

Liver

The liver is subjectively normal in size, and echogenicity with smooth peripheral margins. The parenchyma is homogenous echotexture. The visible portions of the vasculature and biliary tract appear normal. No focal nodules or cystic lesions are observed. The gallbladder lumen is moderately distended.



PATIENT The wall of the gallbladder is not thickened and has a smooth mucosal surface. Luminal contents are primarily anechoic. The cystic and common bile ducts are normal/not visible.

Ari Dixon

SPECIES *Gastrointestinal*

Canine The stomach contains minimal luminal contents. It measures at a normal thickness of <0.7cm with some variability due to the presence of rugal folds. The distinction of the gastric wall layers is adequate and there is no impression of reduced peristaltic activity. No masses or focal lesions were observed.

BREED

Cairn Terrier

The visualized areas of duodenum, jejunum and ileum have a relatively uniform diameter with minimal fluid distension. Wall thickness is normal. Bowel loops follow a curvilinear path with distinct wall layering maintaining the typical 1:3 muscularis:mucosa layer ratio. The duodenum measured as normal (0.52 cm) and the jejunum measured as normal (0.37 cm). Visualized peristalsis appears appropriate. There were no focal lesions consistent with obstruction or a mass effect observed.

SEX

Spayed female

The ileocecal junction was visualized and exhibited normal intact wall layering and is subjectively of normal thickness. Sections of colon are visualized with formed fecal material and gas shadowing distally. There is no observed focal or generalized colon wall thickening or loss of layering.

AGE

14 years

Pancreas

WEIGHT

13.2 lbs

The pancreas is normal and isoechoic to surrounding mesentery. There is no evidence of nodules or cystic lesions. There is no evidence of regional mesenteric inflammation or fluid.

INTERPRETED BY

Free Abdomen

Kathleen Sennello
DVM,MS, Diplomate
ACVIM (Small animal
Internal Medicine)

Evaluation of the peritoneal cavity did not reveal any evidence of effusion, or subjective lymphadenomegaly. The Medial iliac nodes appear normal and there was no evidence of a caudal aortic thrombus at the bifurcation. The omentum is of normal uniform echogenicity.

IMAGING PERFORMED BY

Shari Reffi, CVT

ULTRASONOGRAPHIC FINDINGS

Primary Findings

HOSPITAL NAME

Basking Ridge AH

Mildly reduced corticomedullary distinction in both kidneys. The bilateral renal findings are consistent with age-related change.

REFERRING VET

Dr. Blachek

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Today's scan appears relatively normal for a 14 year old canine. No focal lesions are visualized associated with the gastrointestinal tract or pancreas to explain the intermittent GI signs reported. Unfortunately there are many causes for vomiting and diarrhea, which cannot be diagnosed by ultrasound alone.

INVOICE

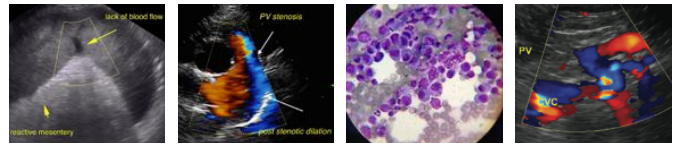
42950

Consider such differentials as food allergy/dietary intolerance, GI parasitism, pancreatitis, dysbiosis, recurrent dietary indiscretion, IBD and less likely neoplasia, etc....

DATE

2/24/23

- Consider a novel protein/hydrolyzed protein diet (exclusively at least 4-6 weeks)



PATIENT

Ari Dixon

- Consider a GI panel to Texas A&M for evaluation of B12 levels, folate, PLI/TLI etc.. to further evaluate for pancreatic/small intestinal disease.

SPECIES

Canine

- Consider chronic probiotic therapy.

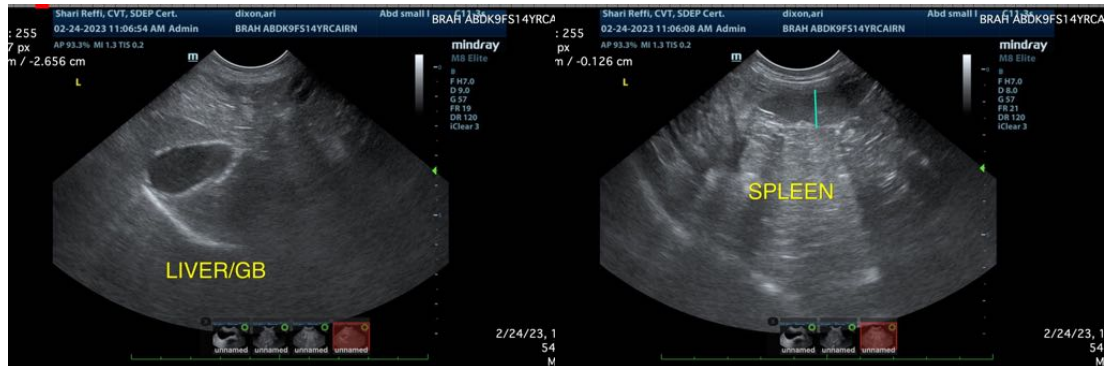
BREED

Cairn Terrier

- If symptoms persist despite taking these measures consider obtaining GI biopsies.

SEX

Spayed female

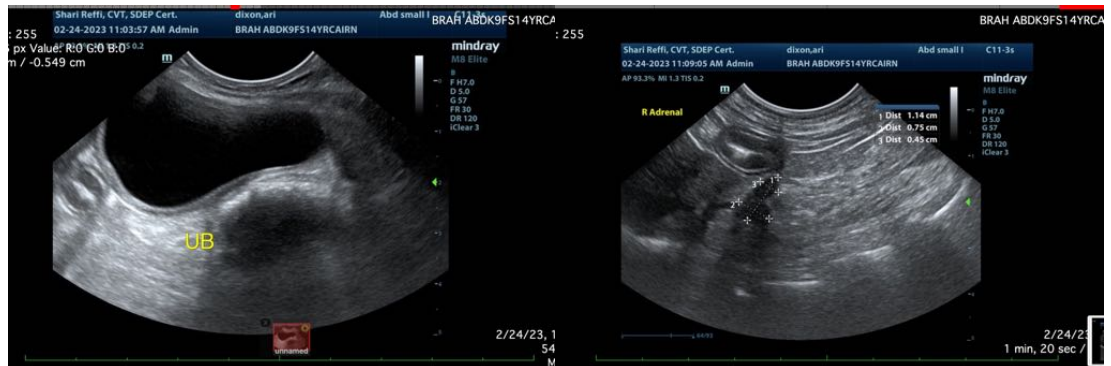


AGE

14 years

WEIGHT

13.2 lbs



INTERPRETED BY

Kathleen Sennello
DVM,MS, Diplomate
ACVIM (Small animal
Internal Medicine)

IMAGING PERFORMED BY

Shari Reffi, CVT



HOSPITAL NAME

Basking Ridge AH

REFERRING VET

Dr. Blachek

INVOICE

42950

DATE

2/24/23



PATIENT

Ari Dixon

SPECIES

Canine

BREED

Cairn Terrier

SEX

Spayed female

AGE

14 years

WEIGHT

13.2 lbs

INTERPRETED BY

Kathleen Sennello
DVM,MS, Diplomate
ACVIM (Small animal
Internal Medicine)

IMAGING PERFORMED BY

Shari Reffi, CVT

HOSPITAL NAME

Basking Ridge AH

REFERRING VET

Dr. Blachek

INVOICE

42950

DATE

2/24/23



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.

Kathleen Sennello DVM,MS, Diplomate ACVIM (Small animal Internal Medicine)

info@sonopath.com