



PATIENT PRESENTING CLINICAL SIGNS

Lulu Walpole History: exam in April 2104 with a colleague. Owner concerned about weight loss.
SPECIES Sept 2022: 11.5 lb
 April 2023: 10.8 lb
 Now: 9.5 lb
Feline

BREED Abnormal PE/Chem/CBC/UA Results: gingivitis and likely FORL 208 HR 185 grade 1-2/6 systolic murmur
 PMI left parasternal SDMA 13 ug/dL Creat 1.8mg/dL USG 1.026 TT4 2.8 ug/dL free T4 is normal

DSH

SEX

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

Female Spayed The urinary bladder wall is normal in thickness and the mucosal surface is smooth. The bladder is moderately distended. Luminal contents are anechoic. No cystic calculi are observed. The region of the trigone and the proximal urethra, visible to a depth of 1-2 cm, are normal.

AGE

15 years

WEIGHT

9.5 lbs

The left kidney is small in size (2.57 cm in length) with a relatively normal shape, architecture and smooth peripheral margins. There is a normal 1:3 cortex to medulla ratio with mild loss of corticomedullary distinction. Mild pyelectasia is present (0.21 cm in the longitudinal plane). A small nonobstructive nephrolith is visualized. There is no evidence of infarcts or hydroureter.

INTERPRETED BY

Andrea Nicastro,
DVM, Diplomate
ACVIM (Small Animal
Internal Medicine)

The right kidney is normal in size (3.95 cm in length) with a normal shape and smooth peripheral contours. The cortex is isoechoic relative to the spleen, is hyperechoic relative to the spleen and diffusely thickened with moderate loss of corticomedullary distinction. A 0.35 cm cortical cyst is observed at the caudal pole. Several small, nonobstructive nephroliths are visualized. There is no evidence of pyelectasia, infarcts or hydroureter.

IMAGING

PERFORMED BY

Brita Kiffney

Adrenal Glands

The left adrenal gland is normal in size (0.31 cm width). Normal shape and glandular echogenicity. The phrenicoabdominal vein and surrounding vasculature appear normal.

The region of the right adrenal gland is evaluated. No obvious pathology is observed in this region.

HOSPITAL NAME

Northshore VH

Spleen

The spleen is normal in size (0.81 cm in width at the level of the hilus) with a normal capsular contour. There is appropriate echogenicity and echotexture. No focal lesions are observed. Splenic vasculature appears normal.

REFERRING VET

Brita Kiffney

Liver

The liver is subjectively normal in size with normal contours and structure. There is appropriate echogenicity and echotexture. No overt structural evidence of inflammatory, infiltrative, or regenerative pathology is evident. Vascular and biliary tracts are of normal volume with no evidence of congestion. No pathological hepatic lymphadenopathy observed.

INVOICE

14006

The gall bladder lumen is moderately distended. The wall is thin and smooth. Luminal contents are anechoic. The cystic and common bile ducts are normal/not seen.

DATE

8.9.23

Gastrointestinal

The stomach and intestine are free of stasis and exhibit normal peristaltic activity. The gastric lumen is not distended. The gastric wall and pylorus are normal in thickness with a normal layering pattern. The pyloric outflow tract is patent. The small intestinal lumen is not dilated. The small intestinal wall thickness is normal. There is disruption in the normal 1:3 muscularis: mucosal ratio in several segments. A



PATIENT line of mucosal fibrosis is seen in some regions. Discreet masses are not identified. The ileocecal colic junction and colonic wall are normal. No obstructive disease is noted.

Lulu Walpole

SPECIES *Pancreas*

The region of the pancreas is isoechoic relative to surrounding omental fat. No obvious parenchymal abnormalities are observed. There is no evidence of regional inflammation or effusion.

Feline

BREED *Free Abdomen*

There is no obvious evidence of free fluid. Two-to-three prominent mesenteric lymph nodes are visualized (the largest measuring 1.01 x 0.41 cm). Surrounding mesentery is slightly hyperechoic. One-to-two prominent hypoechoic lymph node are also observed in the right cranial- to midabdomen.

DSH

SEX

ULTRASONOGRAPHIC FINDINGS

Female Spayed

AGE

Primary Findings

15 years

- The small intestinal wall changes could be consistent with inflammatory bowel disease or emerging lymphoma. A non-neoplastic process is favored.

WEIGHT

9.5 lbs

- The prominent abdominal lymph nodes are most consistent with reactive lymphadenitis or lymphoid hyperplasia. Neoplastic infiltration is considered less likely.

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Secondary Findings

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- Bilateral chronic renal changes. The left pyelectasia may be secondary to parenchymal remodeling, pyelonephritis, PU/PD (if applicable) or some combination thereof. The right renal changes may represent compensatory hypertrophy, resulting from left renal atrophy.

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Brita Kiffney

- Fecal evaluation for internal parasites
- A Texas GI panel including serum cobalamin and folate, TLI and PLI is also recommended.
- Consider a 4-week limited antigen or hydrolyzed protein diet trial to assess for food allergies.
- Ultimately, endoscopic or surgical GI biopsies may be necessary to get a definitive diagnosis.

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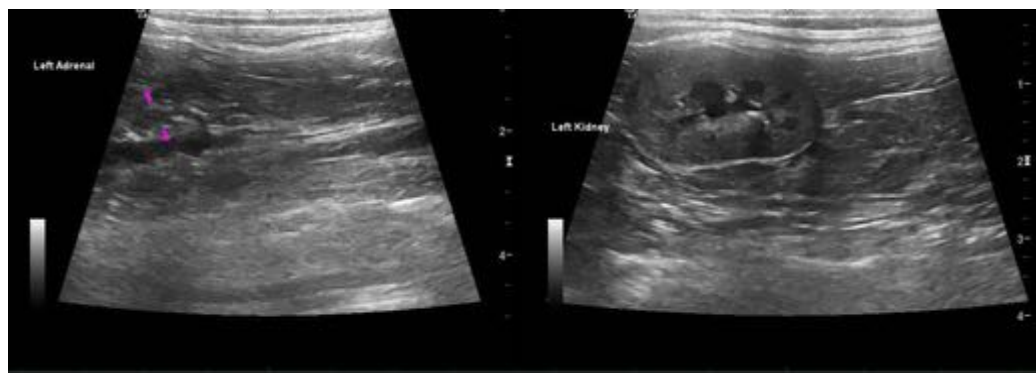
Brita Kiffney

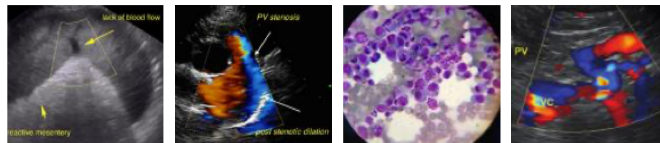
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Lulu Walpole

SPECIES

Feline

BREED

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Female Spayed

AGE

15 years

WEIGHT

9.5 lbs

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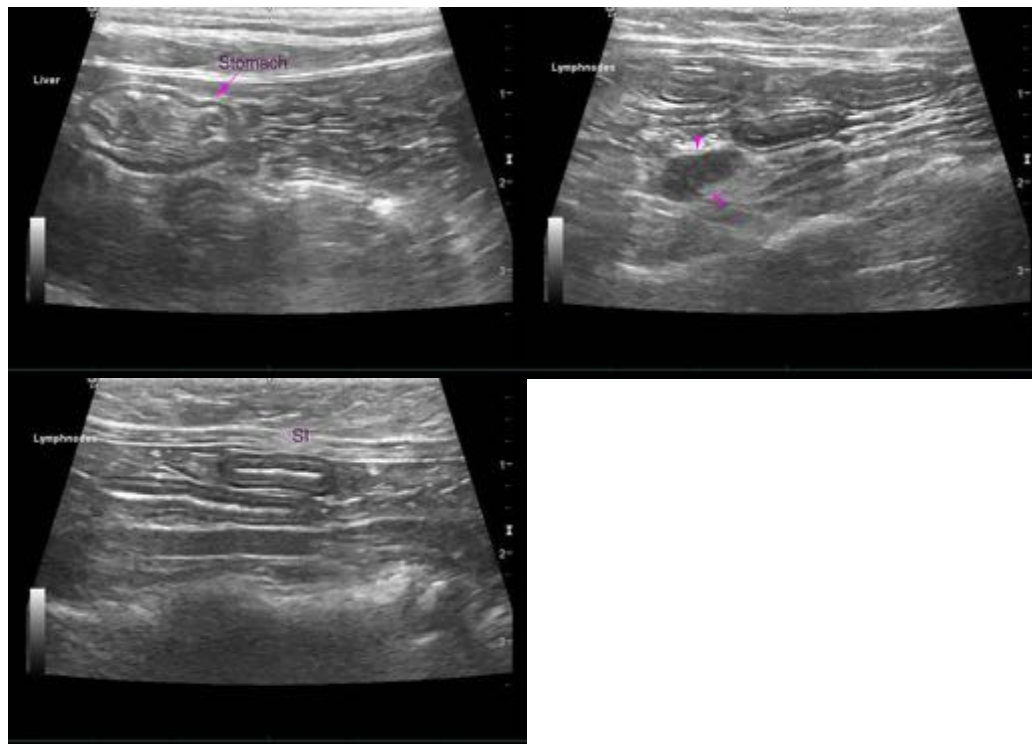
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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