



PATIENT

Lucy Roberts

PRESENTING CLINICAL SIGNS

History: Referral just for Scan. Seen for vomiting in January, Seen at ER for anorexia 4/23/23, 1# wt. loss since that visit, Cerenia is not helping.

SPECIES

Feline

Abnormal PE/Chem/CBC/UA Results: PE: Stage I dental disease, typical sclerosis of lenses, mild dehydration, mild muscle atrophy and dull coat. Labs: CBC normal on 4/23/23. No other labs.

BREED

Domestic shorthair

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The urinary bladder wall is normal in thickness and the mucosal surface is smooth. The bladder is moderately distended. Luminal contents are mostly anechoic. No cystic calculi are observed. The region of the trigone and the visible portion of the proximal urethra are normal.

SEX

Female, spayed

The left kidney is normal size (3.39 cm in length); normal shape and architecture with smooth peripheral margins. There is a normal 1:3 cortex to medulla ratio with mild to moderate loss of corticomedullary distinction. There is no evidence of pyelectasia, nephroliths, infarcts or hydronephrosis. Renal vasculature is normal.

AGE

11 Yrs.

The right kidney is normal size (3.91 cm in length); normal shape and architecture with smooth peripheral margins. There is a normal 1:3 cortex to medulla ratio with minimal to mild loss of corticomedullary distinction. There is no evidence of pyelectasia, nephroliths, infarcts or hydronephrosis. Renal vasculature is normal.

WEIGHT

10 lbs.

Adrenal Glands

The left adrenal gland is normal in size (0.37 cm width). Normal shape and glandular echogenicity. The phrenicoabdominal vein and surrounding vasculature are normal.

INTERPRETED BY

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

The right adrenal gland is upper limits of normal in size (0.50 cm width) with a normal shape. Glandular echogenicity and detail are normal. Surrounding vasculature appears normal.

Spleen

The spleen is normal in size (0.62 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 is normal.

IMAGING PERFORMED BY

Kaitlyn McDaniel

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. The portal vein to caudal vena cava ratio is approximately 1:1. 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.

HOSPITAL NAME

Elizabeth AH

REFERRING VET

Dr. Anderson

INVOICE

14894

DATE

5/3/23

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 with a normal layering pattern and appropriate mural detail. There is disruption in



PATIENT

Lucy Roberts

the normal 1:3 muscularis: mucosal ratio in most segments. Discreet masses are not identified. The colonic wall is normal. No obstructive disease is noted.

Pancreas

SPECIES

Feline

The left limb of the pancreas is visible with normal curvilinear peripheral contours. The parenchyma is slightly hypoechoic relative to surrounding omental fat. No focal lesions are observed. The pancreatic duct is not overtly dilated.

BREED

Domestic shorthair

Free Abdomen

Trace free fluid is observed. Several severely enlarged rounded hypoechoic to slightly heterogeneous lymph nodes are observed in the cranial to mid abdomen. Surrounding mesentery is mildly hyperechoic.

SEX

Female, spayed

Other

A brief visualization of the heart reveals no obvious evidence of pericardial effusion.

AGE

11 Yrs.

ULTRASONOGRAPHIC FINDINGS

Primary Findings:

- The severe abdominal lymphadenopathy is most concerning for infiltrative neoplasia. Lymphoma is the top differential. However, lymphadenitis (i.e., pyogranulomatous) cannot be completely excluded. Regional peritonitis is present.

Secondary Findings:

- Bowel pattern consistent with inflammatory bowel disease with potential for emerging lymphoma.
- The pancreatic changes may be a normal variant for this patient or could be consistent with mild, chronic pancreatitis. Correlation with clinical findings is recommended.
- Bilateral, chronic age-related renal changes.

INTERPRETED BY

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

IMAGING PERFORMED BY

Kaitlyn McDaniel

HOSPITAL NAME

Elizabeth AH

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

- Feline leukemia and FIV testing is recommended, if not already performed.
- Three-view thoracic radiographs should be performed to assess for lymphadenopathy in the chest.
- A chemistry panel is also recommended to assess metabolic function.
- Fine needle aspirates of the enlarged abdominal lymph nodes is recommended if clotting status is appropriate. 25-gauge needles should be used. If results are inconclusive, more advanced testing (i.e., PARR, biopsies) may be necessary to get a definitive diagnosis.
- Also consider a malabsorption panel including serum cobalamin, folate, TLI and PLI.

REFERRING VET

Dr. Anderson

INVOICE

14894

DATE

5/3/23



PATIENT

Lucy Roberts

SPECIES

Feline

BREED

Domestic shorthair

SEX

Female, spayed

AGE

11 Yrs.

WEIGHT

10 lbs.

INTERPRETED BY

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

**IMAGING
PERFORMED BY**

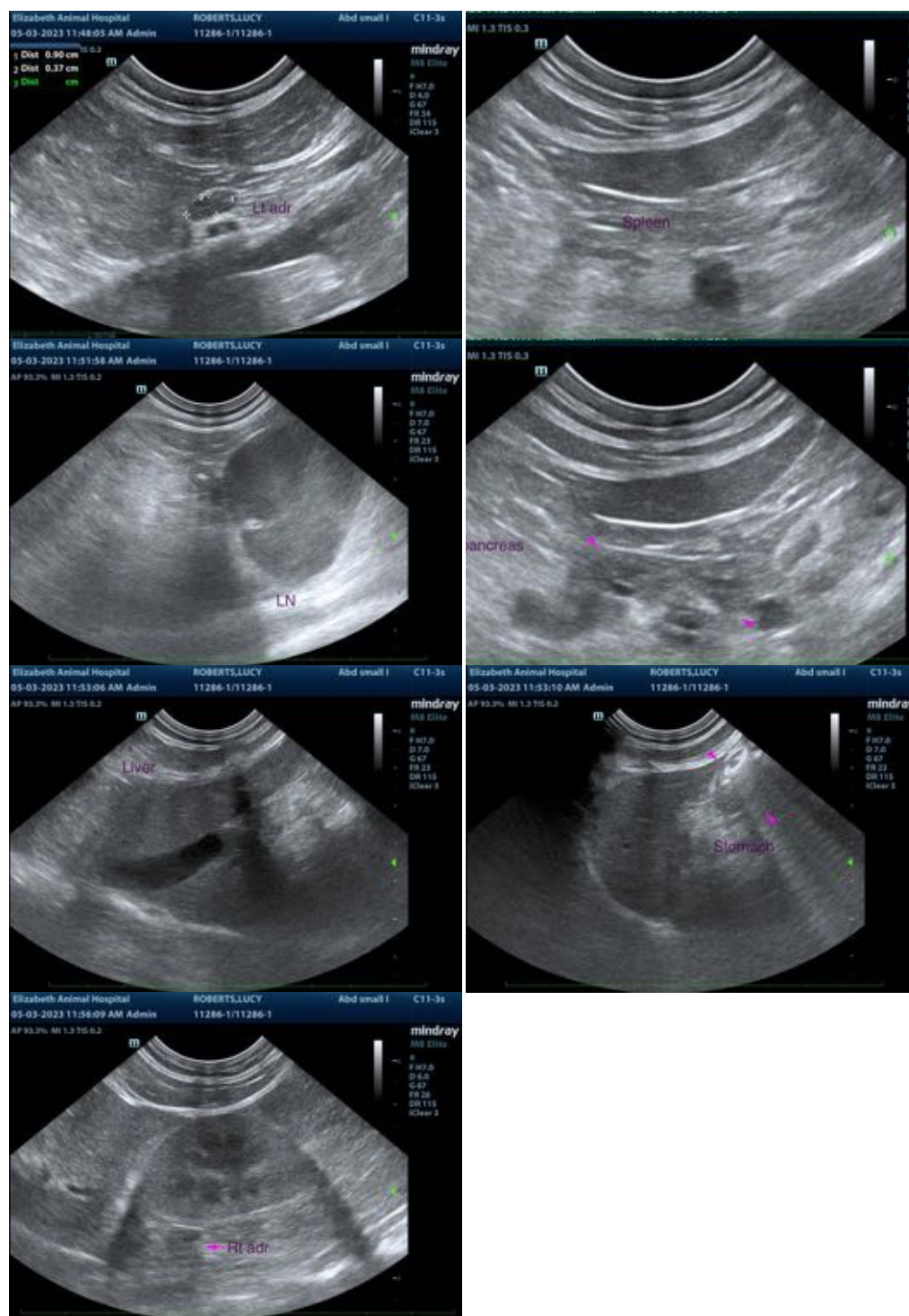
Kaitlyn McDaniel

HOSPITAL NAME

Elizabeth AH

REFERRING VET

Dr. Anderson



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.

INVOICE

14894

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.

DATE

5/3/23



PATIENT

Andrea Nicastro, MPH, DVM, Diplomate DACVIM (Small Animal Internal Medicine)
info@SonoPath.com

Lucy Roberts

SPECIES

Feline

BREED

Domestic shorthair

SEX

Female, spayed

AGE

11 Yrs.

WEIGHT

10 lbs.

INTERPRETED BY

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

**IMAGING
PERFORMED BY**

Kaitlyn McDaniel

HOSPITAL NAME

Elizabeth AH

REFERRING VET

Dr. Anderson

INVOICE

14894

DATE

5/3/23