



PATIENT PRESENTING CLINICAL SIGNS

PATIENT Fletcha Loudon
SPECIES Canine
BREED Pitbull
SEX Female, spayed
AGE 13 Years
WEIGHT 56 Pounds

History: No sedation- Anxious during scan- Abnormal ECG- HR 136, Panting- Sever dental tartar/calculus- Heart Rate 3/6 HSM w/ PMI left side- Needs dental cleaning...- Slightly picky about eating meals- coughs when gets excited- Cardiac murmur a new finding- BP Systolic 155/110
Abnormal PE/Chem/CBC/UA Results: CBC- RBC 5.2, HCT 36.8% Retic 30.3 (normal)- LYM 0.93 (low)- UA: 3+ protein, pH 7.5, USG 1039, Urine creat 180.1, urine protein 257.8, Urine pro/creat ratio 1.4

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The urinary bladder wall is normal in thickness and the mucosal surface is smooth. The bladder lumen is moderately distended with anechoic urine. No masses, inflammatory changes or calculi are observed. Ureteral papillae and visualized portion of the proximal urethra, visible to a depth of 2 cm, are normal.

The left kidney is normal size (7.26 cm in length); normal shape and architecture with smooth peripheral margins. There is a normal 1:3 cortex to medulla ratio with mild loss of corticomedullary distinction. A 0.74 cm cortical cyst is visualized. There is no evidence of pyelectasia, nephroliths, infarcts or hydroureter.

The right kidney is normal size (7.49 cm in length); normal shape and architecture with smooth peripheral margins. There is a normal 1:3 cortex to medulla ratio with mild loss of corticomedullary distinction. There is no evidence of pyelectasia, nephroliths, infarcts or hydroureter.

Adrenal Glands

The left adrenal gland is borderline enlarged (0.64 cm at cranial pole) (0.72 cm at caudal pole); normal shape; homogenous parenchyma. The glandular echogenicity and detail are unremarkable. Capsule, cortex, and medullary definition are normal. The phrenicoabdominal vein and surrounding vasculature are normal.

The right adrenal gland is normal size (0.99 cm at cranial pole) (0.64 cm at caudal pole); normal shape; homogenous parenchyma. The glandular echogenicity and detail are unremarkable. Capsule, cortex, and medullary definition are normal. The phrenicoabdominal vein and surrounding vasculature are normal.

Spleen

The spleen is normal in size (1.18 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.

Liver

The liver is subjectively normal in size with normal curvilinear peripheral contours. The parenchyma is hypoechoic relative to the spleen and slightly mottled in appearance. No distinct focal lesions are observed. Hepatic vasculature and intrahepatic biliary tracts are of normal volume with no evidence of congestion. 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.

INTERPRETED BY

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

IMAGING PERFORMED BY

Loetitia Saint-Jacques, RVT

HOSPITAL NAME

Incline VH

REFERRING VET

Dr. Kris Moger

INVOICE

14574

DATE

2/13/23



PATIENT *Gastrointestinal*

Fletcha Loudon

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. Discreet masses are not identified. The colonic wall is normal. No obstructive disease is noted.

SPECIES

Canine

Pancreas

BREED

Pitbull

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.

SEX

Female, spayed

Free Abdomen

The peritoneal cavity is normal. There is no evidence of inflammation or effusion. A 1.59 cm medial iliac lymph node is visualized. The node is normal in shape and echogenicity.

AGE

13 Years

ULTRASONOGRAPHIC FINDINGS

Primary Findings:

WEIGHT

56 Pounds

- Mild bilateral non-specific chronic renal changes. This finding, in conjunction with the elevated UPC, is suggestive of a protein losing nephropathy. Most protein losing nephropathies are idiopathic. However, in some instances, they can be secondary to infectious/inflammatory disease or neoplasia.

INTERPRETED BY

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

Secondary Findings:

- The hepatic parenchymal changes are most consistent with a benign age-related remodeling and/or regenerative nodular hyperplasia. However, correlation with the patient's liver values is recommended.

IMAGING PERFORMED BY

Loetitia Saint-Jacques, RVT

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Given the concern for a protein-losing nephropathy, consider the following:

HOSPITAL NAME

Incline VH

1. Further testing for infectious disease (i.e., tick borne, heartworm)
2. Angiotensin II receptor blocker (e.g., Telmisartan) +/- ACE inhibitor
3. Antithrombotic (e.g., Clopidogrel at 2.5 mg/kg PO q 24 hours)
4. Omega-3 fatty acids (65 mg/kg of DHA and EPA combined daily)
5. Prescription renal diet
6. Routine monitoring of UPC and bloodwork (CBC, chemistry panel) to assess for progressive disease

REFERRING VET

Dr. Kris Moger

INVOICE

14574

DATE

2/13/23



PATIENT

Fletcha Loudon

SPECIES

Canine

BREED

Pitbull

SEX

Female, spayed

AGE

13 Years

WEIGHT

56 Pounds

INTERPRETED BY

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

IMAGING PERFORMED BY

Loetitia Saint-Jacques, RVT

HOSPITAL NAME

Incline VH

REFERRING VET

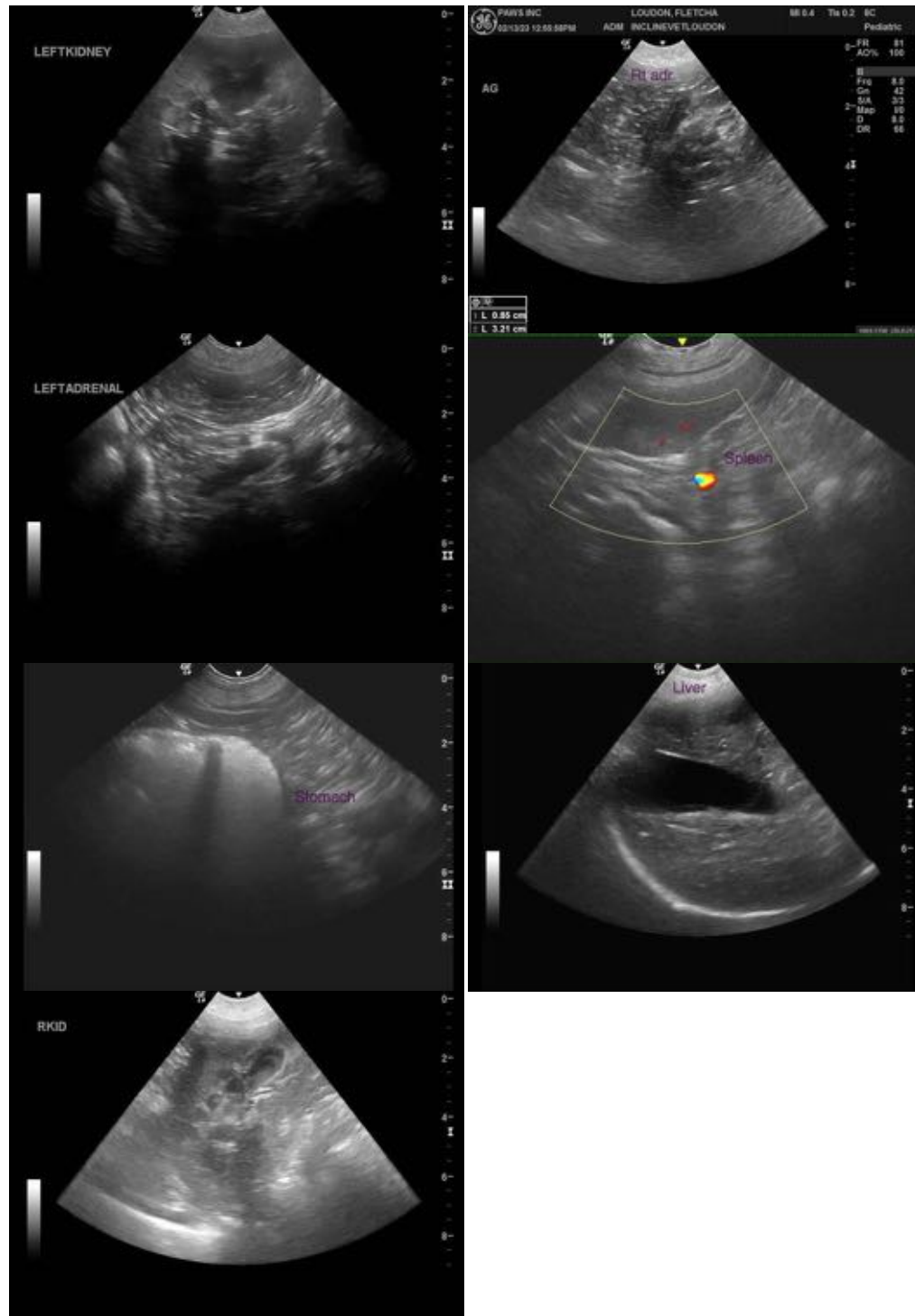
Dr. Kris Moger

INVOICE

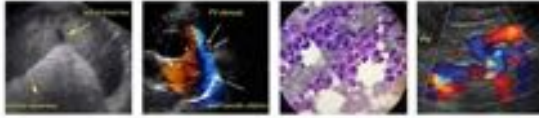
14574

DATE

2/13/23



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.



PATIENT

Fletcha Loudon

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.

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

SPECIES

Canine

BREED

Pitbull

SEX

Female, spayed

AGE

13 Years

WEIGHT

56 Pounds

INTERPRETED BY

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

**IMAGING PERFORMED
BY**

Loetitia Saint-Jacques, RVT

HOSPITAL NAME

Incline VH

REFERRING VET

Dr. Kris Moger

INVOICE

14574

DATE

2/13/23