



PATIENT PRESENTING CLINICAL SIGNS

Gordo Tushner

History: P has significant weight loss in last 8 months (14.3->12.2 lbs). O notes good appetite and no major changes at home. History of hyperthyroidism. Managed with 2.5 mg methimazole BID. Last T4 high normal at 3.5 ug/dL. In October 2021, P presented for possible relapse of symptoms of hyperthyroidism on 2.5 mg methimazole BID. T4 then was 5 ug/dL. Methimazole was increased to 5 mg in AM, 2.5 mg in PM as directed by an internist. On T4 recheck, P was hypothyroid with a T4 of 0.6 ug/dL. P's dose was reverted to 2.5 mg BID. Lab work result revealed mild anemia (24% HCT). CBC with reticulocyte count + pathologist review pending.

SPECIES

Feline

BREED

DSH

Abnormal PE/Chem/CBC/UA Results: 5/18: Thyroid recheck panel: T4: 3.5 ug/dL (high normal), HCT 24%. Creatinine 0.8 mg/dL USG adequately concentrated in prior UA's.

SEX

Neutered Male

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

AGE

13 years

Urinary System

The urinary bladder, trigone, and pelvic urethra are 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. The region of the trigone is normal.

WEIGHT

12.24 lbs

The left kidney is normal in size (4.25 cm in length) with a normal shape, smooth peripheral margins, and normal internal architecture. There is mild to moderate loss of corticomedullary distinction. Several hyperechoic shadowing diverticular foci are observed. There is no evidence of pyelectasia, infarcts or hydronephrosis. Renal vasculature is normal.

INTERPRETED BY

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

The right kidney is normal in size (4.37 cm in length) with a normal shape, smooth peripheral margins, and normal internal architecture. There is mild to moderate loss of corticomedullary distinction. The cortex is hyperechoic. Hyperechoic shadowing diverticular foci are visualized. Several hyperechoic shadowing diverticular foci are observed. Trace pyelectasia is present. There is no evidence of infarcts or hydroureter.

IMAGING PERFORMED BY

Saum Hadi

Adrenal Glands

HOSPITAL NAME

Bethany Family PC

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

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

REFERRING VET

Dr. Saum Hadi

Spleen

The spleen is normal in size (0.87 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.

INVOICE

11004

Liver

DATE

6/1/22

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



PATIENT

Gordo Tushner

regenerative pathology is evident. Vascular and biliary tracts are of normal volume with no evidence of congestion. No pathological hepatic lymphadenopathy observed.

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.

SPECIES

Feline

Gastrointestinal

BREED

DSH

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.

SEX

Neutered Male

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.

AGE

13 years

Free Abdomen

WEIGHT

12.24 lbs

The peritoneal cavity is normal. There is no evidence of inflammation or effusion. The abdominal lymph nodes are normal/not visible.

INTERPRETED BY

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

ULTRASONOGRAPHIC FINDINGS

Primary Findings

- The bilateral renal changes are most consistent with chronic interstitial nephrosis/nephritis.

An obvious cause for the patient's weight loss is not identified in this study. Considerations include maldigestion/malabsorption, occult neoplasia, underlying metabolic issue, other.

IMAGING PERFORMED BY

Saum Hadi

HOSPITAL NAME

Bethany Family PC

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

REFERRING VET

Dr. Saum Hadi

- Malabsorption panel, including serum cobalamin and folate, TLI and PLI.
- Fecal evaluation for ova and Giardia
- A neurologic examination is recommended, as weight loss is occasionally the sole clinical sign in patients with brain tumors.
- Thoracic radiographs are recommended to assess for occult neoplasia in the chest.
- Feline leukemia/FIV testing is recommended, given the patient's anemia.
- Depending on the results of the above diagnostics as well as the CBC with pathology review, GI biopsies +/- a bone marrow aspirate may be warranted.

INVOICE

11004

DATE

6/1/22



PATIENT

Gordo Tushner

SPECIES

Feline

BREED

DSH

SEX

Neutered Male

AGE

13 years

WEIGHT

12.24 lbs

INTERPRETED BY

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

**IMAGING
PERFORMED BY**

Saum Hadi

HOSPITAL NAME

Bethany Family PC

REFERRING VET

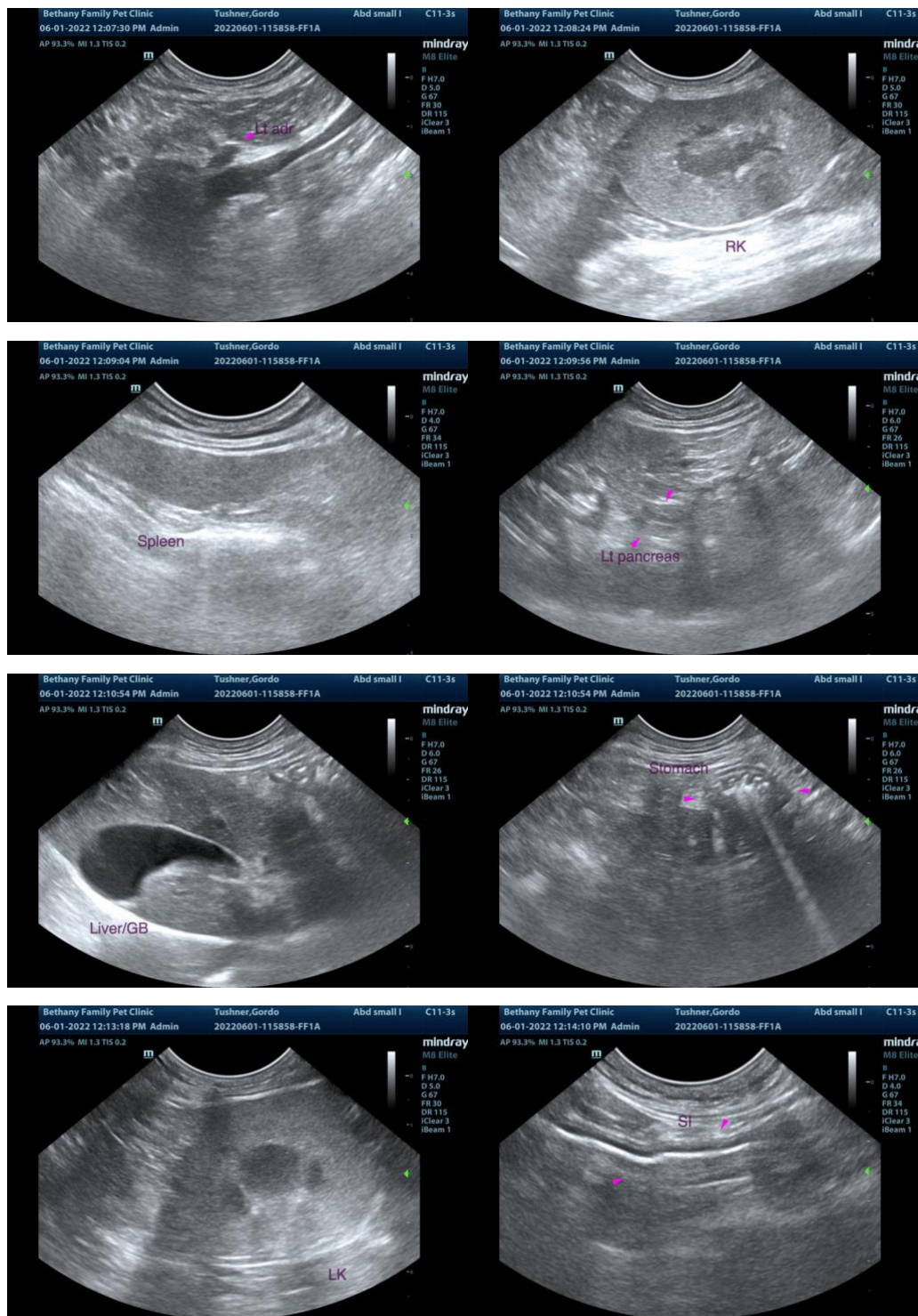
Dr. Saum Hadi

INVOICE

11004

DATE

6/1/22



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

Gordo Tushner

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.

SPECIES

Feline

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

BREED

DSH

SEX

Neutered Male

AGE

13 years

WEIGHT

12.24 lbs

INTERPRETED BY

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

**IMAGING
PERFORMED BY**

Saum Hadi

HOSPITAL NAME

Bethany Family PC

REFERRING VET

Dr. Saum Hadi

INVOICE

11004

DATE

6/1/22