



PATIENT

Roger Harper

SPECIES

Feline

BREED

Domestic Shorthair

SEX

Feline

AGE

5 years

WEIGHT

11.16 lbs

INTERPRETED BY

Remo Lobetti, BVSc,
MMedVet (Med),
PhD, Dipl. ECVIM

IMAGING PERFORMED BY

Danielle Shemanski,
DVM, MA

HOSPITAL NAME

Western New York
Veterinary Service

REFERRING VET

Dr. Brunson

INVOICE

78805

DATE

6/17/26

PRESENTING CLINICAL SIGNS

Referral for abdominal ultrasound due to hypercalcemia of unknown cause, and thyroid scan.**
Additional history:

- Hypercalcemia of unknown cause.
- History of unclassified cardiomyopathy, currently treated with Vetmedin and Plavix. ProBNP was 43 pmol/L (normal). Owner reports heart size decreased on chest x-rays from last year. Next echo is due in October.
- History of IBD. Previously had chronic vomiting, which has resolved for the past 2 months on his current diet. He is on Farmina Vet Life hydrolyzed fish diet.
- Recently has had some diarrhea and behavioral periuria/perichezia.
- No weight loss reported by owner.

Recent possible lower urinary tract signs with unremarkable U/A

MEDICATIONS: Clopidrogel 18.75 mg PO q24h, Pimobendan 1.25 mg 1 tab PO q12h, Pre-medicated with Gabapentin 100 mg last night and 100 mg this morning.

Lab Work from rDVM - Ionized Calcium: 1.73 mmol/L (elevated) - PTH: 0.7 pmol/L (low normal) - Total Calcium: 13.4 mg/dL - Creatinine: 1.8 mg/dL - BUN: 25 mg/dL - SDMA: 10 ug/dL - Total T4: 2.4 ug/dL

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The urinary bladder is full with a normal thickness and smooth appearance of the wall. Normal anechoic urine with no sediment or uroliths evident.

Normal appearance of the trigone area, proximal urethra, and iliac blood vessels.

Normal appearance and size of the iliac lymph nodes. Ureters not visualized, which can be considered a normal finding.

Normal renal size (left measured 4.0 cm, right measured 4.1 cm), architecture, echogenic appearance, cortico-medullary differentiation, which maintains a 1:3 cortex to medulla ratio, pelvis, and capsule. No infarcts, mineralization or renoliths evident. Normal color flow pattern is noted in both kidneys.

Adrenal Glands

Normal shape, echogenic appearance, size, position, and appearance of the visible peri-adrenal vasculature. Left adrenal gland measured 0.35 cm in width. The right adrenal gland measured 0.4 cm in width.

Spleen

Normal size and echogenic appearance. Smooth homogenous parenchyma and regular curvilinear capsule. Normal volume of the splenic vasculature without any overt congestion or thrombosis evident. No inflammatory, neoplastic, infarction, or infiltrative changes evident. The spleen measured 0.8 cm in width.



PATIENT

Roger Harper

SPECIES

Feline

BREED

Domestic Shorthair

SEX

Feline

AGE

5 years

WEIGHT

11.16 lbs

INTERPRETED BY

Remo Lobetti, BVSc,
MMedVet (Med),
PhD, Dipl. ECVIM

IMAGING PERFORMED BY

Danielle Shemanski,
DVM, MA

HOSPITAL NAME

Western New York
Veterinary Service

REFERRING VET

Dr. Brunson

INVOICE

78805

DATE

6/17/26

Liver

Normal size, echogenic appearance, portal markings, and regular curvilinear capsule. No nodules or masses evident. Normal appearance of the hepatic and portal vasculature.

Gallbladder

The gallbladder is full containing a moderate amount of non-adhered hyperechogenic sediment. Normal thickness and echogenic appearance of the wall. Normal size and appearance of the cystic and common bile duct.

Gastrointestinal

Normal appearance of the stomach, duodenum, small intestine, ileo-cecal junction, and colon with no loss of layering, 1:3 muscularis to mucosa ratio, normal wall thickness and peristaltic activity, and no distension of the lumen.

Pancreas

The visible sections of the pancreas are of normal size and echogenic appearance with a regular capsule. Normal echogenic appearance of the mesentery and fat surrounding the pancreas.

Free Abdomen

Normal mesenteric lymph nodes.

No ascites evident.

Thorax

Normal appearance of the heart. No pericardial or pleural effusion evident.

Thyroid Glands

Normal appearance of the thyroids with no obvious parathyroid gland visible.

ULTRASONOGRAPHIC FINDINGS

- Gallbladder sediment.



PATIENT

Roger Harper

SPECIES

Feline

BREED

Domestic Shorthair

SEX

Feline

AGE

5 years

WEIGHT

11.16 lbs

INTERPRETED BY

Remo Lobetti, BVSc,
MMedVet (Med),
PhD, Dipl. ECVIM

IMAGING PERFORMED BY

Danielle Shemanski,
DVM, MA

HOSPITAL NAME

Western New York
Veterinary Service

REFERRING VET

Dr. Brunson

INVOICE

78805

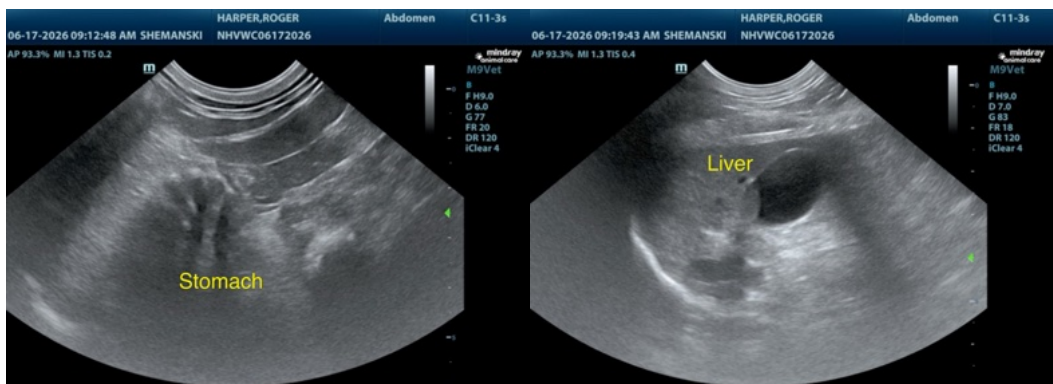
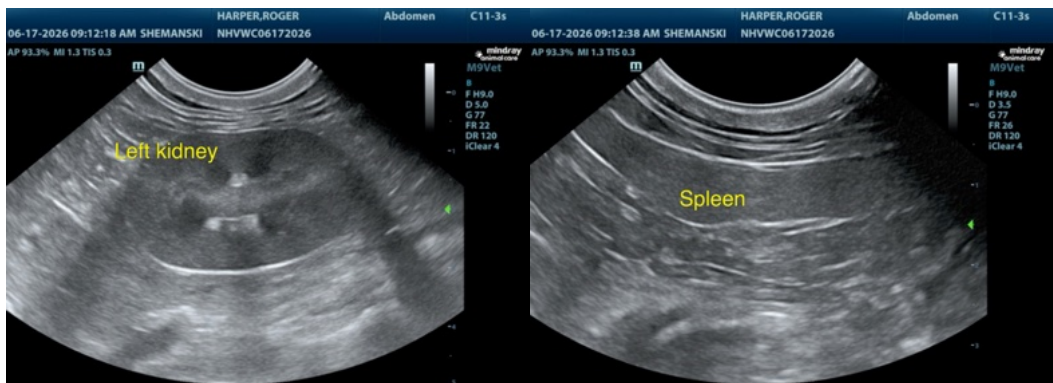
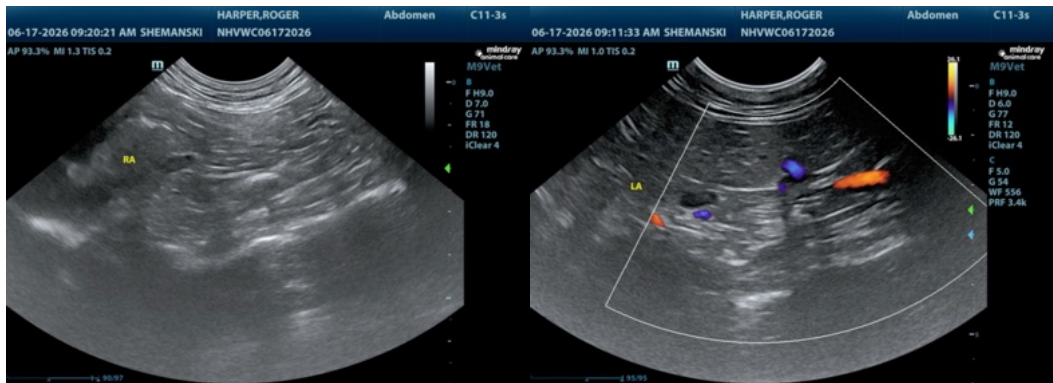
DATE

6/17/26

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

In essence a normal ultrasound examination of the abdomen as the gallbladder sediment can be considered incidental finding. The most likely etiology for the hypercalcemia would be idiopathic hypercalcemia.

Management that could be considered would be the use of Alendronate.





PATIENT

Roger Harper

SPECIES

Feline

BREED

Domestic Shorthair

SEX

Feline

AGE

5 years

WEIGHT

11.16 lbs

INTERPRETED BY

Remo Lobetti, BVSc,
MMedVet (Med),
PhD, Dipl. ECVIM

IMAGING PERFORMED BY

Danielle Shemanski,
DVM, MA

HOSPITAL NAME

Western New York
Veterinary Service

REFERRING VET

Dr. Brunson

INVOICE

78805

DATE

6/17/26



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.

Remo Lobetti, BVSc, MMedVet (Med), PhD, Dipl. ECVIM (Internal Medicine)

info@sonopath.com