



PATIENT

Bucky Pinkston

SPECIES

Feline

BREED

Ragdoll

SEX

Neutered male

AGE

7 years

WEIGHT

12.2 lbs

INTERPRETED BY

Alicia Angosto
Guerrero, DMV,
PgDip, MSc.

IMAGING PERFORMED BY

Agnes E Rupley DVM

HOSPITAL NAME

All Pets Medical Center

REFERRING VET

Dr. Rupley

INVOICE

73754

DATE

3/24/26

PRESENTING CLINICAL SIGNS

- Abdominal ultrasound performed to evaluate elevated total cholesterol at 257, after 14 hour fast, with normal other chemistry panel results including triglycerides. Previous testing 3/2/26 had normal fPLI. Chemistry panel revealed elevated glucose at 201.5, BUN at 46.13, creatinine at 2.4, phosphorus at 8.36, calcium at 15.67, total protein at 11.2, albumin at 4.8, globulins at 6.3, AST at 60, bile acids at 0.02, triglycerides at 299.17, and cholesterol at 343.
- He was losing weight prior to the previous visit on 3/2/26 and had a single episode of vomiting and loose bowel movement. He has gained 0.4 pounds since the previous visit and has normal body score of 5/9. He has chronic mild constipation that owner is treating with miralax and canned pumpkin. I recommended discontinuing the miralax and increasing fluid intake.

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The bladder lumen is normally distended, and the wall of the urinary bladder appears thin and smooth. The urine is anechoic. Normal appearance of the bladder neck and proximal urethra. There are no calculi and no evidence of inflammatory or neoplastic changes.

The left kidney is normal in shape and size: 3.40×2.28 cm, and the thickness of the cortex is 0.36 cm in the sagittal plane. The right kidney is normal in shape and size: 3.50×1.98 cm, and the thickness of the cortex is 0.35 cm in the sagittal plane. In both kidneys, the cortex shows normal echogenicity compared to the liver parenchyma. The corticomedullary ratio is normal and corticomedullary definition is preserved. There is no evidence of pyelectasia, nephrolithiasis, or hydronephrosis. Scattered, very small hyperechoic foci are present within the renal cortex.

Adrenal Glands

Both adrenal glands show normal shape and echogenicity. Dorsoventral diameters measured in the sagittal plane: The left adrenal gland measures 0.24 cm at the cranial pole and 0.26 cm at the caudal pole. The right adrenal gland measures 0.23 cm at the cranial pole and 0.23 cm at the caudal pole.

Spleen

Splenic thickness is 0.92 cm. The parenchyma demonstrates normal echogenicity and fine homogeneous echotexture without focal parenchymal abnormalities. The splenic capsule is smooth and regular.

Liver

The liver is subjectively normal in size, with sharp edges and a regular contour. The parenchyma appears mildly hyperechoic compared to the falciform fat, with a fine echotexture. No hepatic lymphadenopathy is observed.



PATIENT

Bucky Pinkston

SPECIES

Feline

BREED

Ragdoll

SEX

Neutered male

AGE

7 years

WEIGHT

12.2 lbs

INTERPRETED BY

Alicia Angosto
Guerrero, DMV,
PgDip, MSc.

IMAGING PERFORMED BY

Agnes E Rupley DVM

HOSPITAL NAME

All Pets Medical Center

REFERRING VET

Dr. Rupley

INVOICE

73754

DATE

3/24/26

The gallbladder lumen is normally distended. The wall is thin and the contents are anechoic. No dilation of the cystic duct or common bile duct is observed.

Gastrointestinal

The stomach is empty and folded, with mural thickness (1.88 mm) and preserved wall layering. Duodenum: 2.40 mm.

Jejunum: 1.99 mm (mucosa: 1.22 mm; submucosa: 0.42 mm; muscularis propria: 0.34 mm). Ileum: 1.47 mm, with normal wall layering. The ileocecal junction is not visualized. No signs of inflammation, ileus, or foreign material are identified.

Colon: 1.01 cm, largely empty.

Pancreas

The evaluated pancreatic areas do not show evidence of overt inflammation or neoplastic disease.

Free Abdomen

No sonographic evidence of abdominal effusion, peritonitis, or lymphadenomegaly is identified. The iliac trifurcation is normal.

PRIMARY FINDINGS

- Mild diffuse hepatic hyperechogenicity.

SECONDARY FINDINGS

- Scattered small hyperechoic foci in the renal cortex.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

This is a largely unremarkable abdominal ultrasound, with no evidence of mass lesions, organomegaly, or infiltrative disease to explain the marked biochemical abnormalities.

The kidneys are structurally normal; however, the presence of scattered cortical hyperechoic foci may represent early mineralization. In the context of marked hypercalcemia, these findings could be consistent with incipient nephrocalcinosis, although this remains a subtle and nonspecific finding.

Subtly increased hepatic echogenicity is noted, which may be associated with metabolic changes such as hyperlipidemia (elevated cholesterol and triglycerides). Although liver enzyme activities are within normal limits, early or mild hepatic lipodosis cannot be entirely excluded, particularly given the history of recent weight loss.

Importantly, there is no ultrasonographic evidence of neoplasia or overt infiltrative disease. However,



PATIENT

Bucky Pinkston

SPECIES

Feline

BREED

Ragdoll

SEX

Neutered male

AGE

7 years

WEIGHT

12.2 lbs

INTERPRETED BY

Alicia Angosto
Guerrero, DMV,
PgDip, MSc.

IMAGING PERFORMED BY

Agnes E Rupley DVM

HOSPITAL NAME

All Pets Medical Center

REFERRING VET

Dr. Rupley

INVOICE

73754

DATE

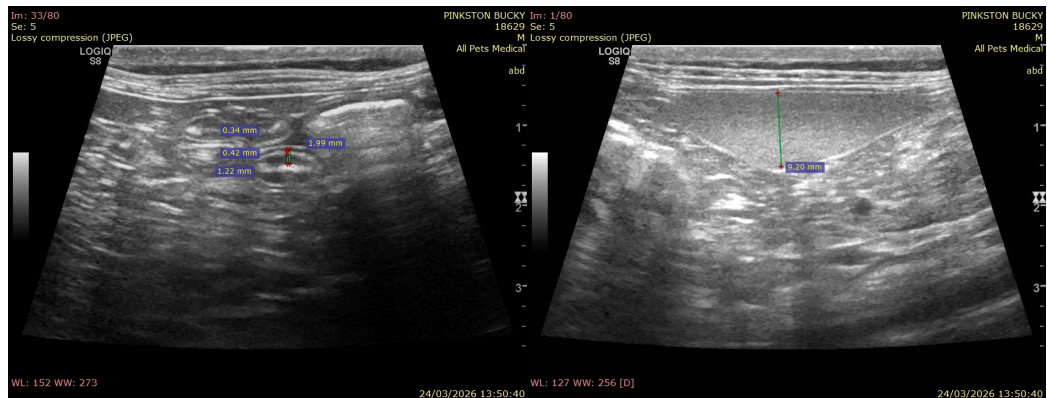
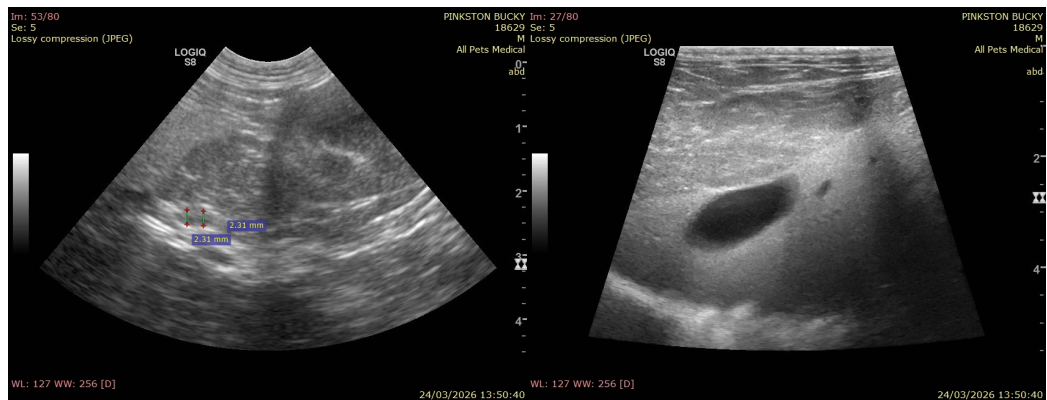
3/24/26

given the combination of marked hypercalcemia, hyperglobulinemia, and azotemia, a systemic process (including hematopoietic neoplasia such as lymphoma or plasma cell neoplasia) remains a significant concern and cannot be excluded based on imaging alone.

Recommendations

- Further investigation of hypercalcemia:
 - Ionized calcium
 - PTH / PTHrP if indicated
- Evaluation of hyperproteinemia:
 - Serum protein electrophoresis
 - Consider infectious vs neoplastic causes
- Assessment for systemic disease:
 - Consider bone marrow evaluation or imaging if clinically indicated
- Renal monitoring.

Final diagnostic and therapeutic decisions should be made by the attending veterinarian, who can best integrate these findings with the patient's clinical status.





PATIENT

Bucky Pinkston

SPECIES

Feline

BREED

Ragdoll

SEX

Neutered male

AGE

7 years

WEIGHT

12.2 lbs

INTERPRETED BY

Alicia Angosto Guerrero, DMV,
PgDip, MSc.

IMAGING PERFORMED BY

Agnes E Rupley DVM

HOSPITAL NAME

All Pets Medical Center

REFERRING VET

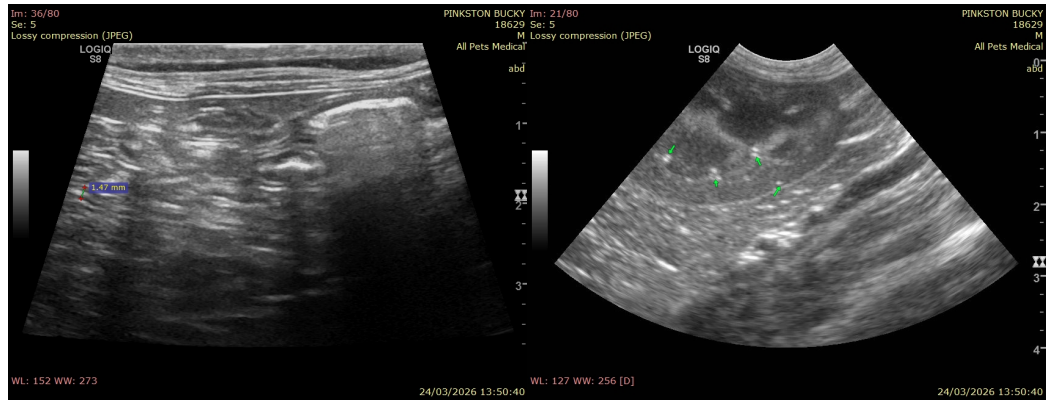
Dr. Rupley

INVOICE

73754

DATE

3/24/26



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.

Alicia Angosto Guerrero, DMV, PgDip, MSc.

info@SonoPath.com