



PATIENT

Patches Castellano

SPECIES

Feline

BREED

DSH

SEX

Spayed Female

AGE

10 Years

WEIGHT

6 lbs

INTERPRETED BY

Greg Kuhlman, DVM,
DACVIM (SAIM)

IMAGING PERFORMED BY

Vincent Ravancho, CVT

HOSPITAL NAME

All Creatures Great &
Small (Denville)

REFERRING VET

Dr. Ashmore

INVOICE

75252

DATE

5/19/26

PRESENTING CLINICAL SIGNS

Wt loss of 5 pounds over last few months. Decreased appetite, V+ 3x/weekly; lethargic. Sedated with gabapentin,

Abnormal PE/Chem/CBC/UA Results: nRBC increased. ALB 2.0 (LN 2.5), ALP 159 (HN 102), T4 WNL

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

Urinary bladder is adequately distended. It has a normal uniform wall thickness. Contents include primarily anechoic fluid with a large amount of echogenic non-shadowing debris, most consistent with exfoliated cells, crystals, mucous and/or small blood clots likely combined with incidental suspended lipid. Both sterile inflammation as well as urinary tract infection can present with echogenic debris. No masses or definitive cystoliths are observed. The trigone and visible pelvic urethra are normal in thickness with a smooth mucosal surface.

There are moderate pockets of free fluid surrounding the urinary bladder.

Kidneys are overall normal in size and shape with smooth peripheral margination. A normal 1:3 cortex to medulla ratio is maintained. The medulla and cortices are uniform in texture with some mild increased cortical echogenicity and mild loss of corticomedullary distinction, expected in this age patient. There is no evidence of pyelectasia or infarcts observed. Non-obstructive linear multifocal hyperechoic diverticular foci with acoustic shadowing are noted in the left kidney. Left kidney measures 4.1 cm. A scant pocket of free fluid is noted at the cranial aspect of the right kidney, no cause seen. Right kidney measures 4.3 cm.

Adrenal Glands

The right adrenal gland presents normal shape and homogenous parenchyma. The phrenic vasculature is unremarkable. The right adrenal gland measures 4.4 mm in width.

The left adrenal gland presents normal shape and homogenous parenchyma. The phrenic vasculature is unremarkable. The left adrenal gland measures 4.4 mm in width.

Spleen

The spleen is diffusely enlarged with scalloped margins and mildly hypoechoic echogenicity diffusely. The spleen has normal blood flow.

Liver

Liver is subjectively enlarged with mildly irregular margins. Parenchyma is heterogenous characterized by multiple poorly defined hypoechoic nodules within otherwise hyperechoic liver parenchyma. Visible vasculature and biliary tree appear normal without distension or congestion.

The gallbladder presents normal size with anechoic contents. Normal gallbladder wall. No evidence of bile duct distention or obstruction.



PATIENT

Patches Castellano

SPECIES

Feline

BREED

DSH

SEX

Spayed Female

AGE

10 Years

WEIGHT

6 lbs

INTERPRETED BY

Greg Kuhlman, DVM,
DACVIM (SAIM)

IMAGING PERFORMED BY

Vincent Ravancho, CVT

HOSPITAL NAME

All Creatures Great &
Small (Denville)

REFERRING VET

Dr. Ashmore

INVOICE

75252

DATE

5/19/26

Gastrointestinal

The stomach and intestines have normal wall layering and thickness. Colon contains normal contents with normal wall thickness.

Pancreas

The area of the right pancreas is seen. No obvious pathology noted.

Free Abdomen

There are no enlarged abdominal lymph nodes seen on this exam.

ULTRASONOGRAPHIC FINDINGS

- Urinary bladder debris.
- Free fluid surrounding the urinary bladder.
- Age related renal changes.
- Enlarged, scalloping spleen.
- Enlarged, heterogeneous liver.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Recommend urine culture if not already performed. Recommend ultrasound guided abdominocentesis of the free fluid around the urinary bladder and submit sample for fluid analysis and cytology to help determine the underlying etiology of the patient's disease process.

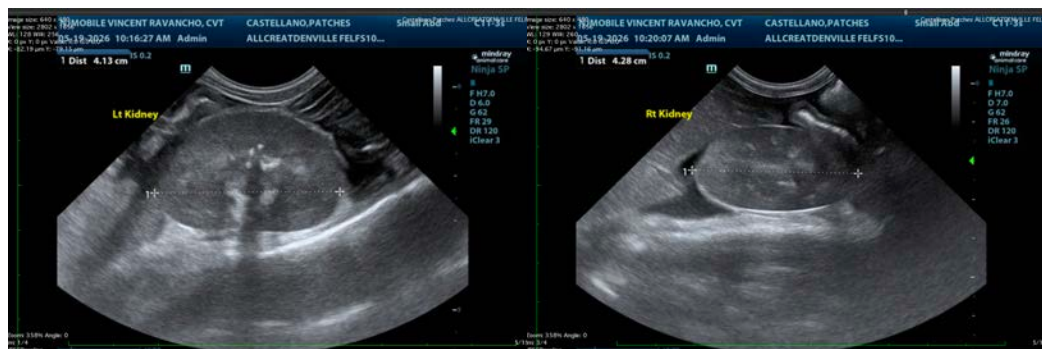
The appearance of the spleen is possibly due to infiltrative disease such as lymphoma or mast cell disease. Recommend a fine needle aspirate of the spleen with submission for cytology.

The appearance of the liver is also possibly due to infiltrative disease such as lymphoma. Recommend fine needle aspirate of the liver with submission for cytology.

No obvious causes determined for the changes seen on this ultrasound.

No obvious evidence of GI disease seen on this exam.

Recommend full staging, monitoring and managing of the patient for suspected chronic kidney disease based on the appearance of the kidneys.





PATIENT

Patches Castellano

SPECIES

Feline

BREED

DSH

SEX

Spayed Female

AGE

10 Years

WEIGHT

6 lbs

INTERPRETED BY

Greg Kuhlman, DVM,
DACVIM (SAIM)

IMAGING PERFORMED BY

Vincent Ravancho, CVT

HOSPITAL NAME

All Creatures Great &
Small (Denville)

REFERRING VET

Dr. Ashmore

INVOICE

75252

DATE

5/19/26



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.

Greg Kuhlman, DVM, DACVIM (SAIM)

Veterinary Internal Medicine Specialist

info@SonoPath.com