



PATIENT PRESENTING CLINICAL SIGNS

Gypsy Darcey History: Follow up to check for metastasis, history of heart, hyperthyroid, kidney disease
 Medication: Atenolol, Methimazole, Mirtazapine

SPECIES ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Feline *Urinary System*

BREED

Domestic Shorthair

The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 4.0 cm exhibited normal thickness and tone. Anechoic urine was present in the lumen with mild particulate urinary bladder sediment. The ureteral papillae were normal. The ureters were not visible which is normal. No evidence of inflammatory or neoplastic changes were noted.

SEX

FS

The left kidney was subnormal in size at 2.7 cm with asymmetrical margination. A normal 1:3 cortex / medulla ratio was maintained. The medulla and cortices were uniform in texture with some increased echogenicity and moderate loss of corticomodullary symmetry and definition expected for the age of the patient. No evidence of pelvic dilation was present. Minor dystrophic medullary mineral was present. Previously noted caudal cortical infarct was present and subjectively static.

AGE

18 years

The right kidney was normal in size with primarily maintained symmetrical margination. A normal 1:3 cortex / medulla ratio and normal corticomodullary definition were maintained. The echogenicity of the cortex was similar to or slightly less than normal liver parenchyma while the medulla echogenicity was hypoechoic to the cortex with no evidence of pelvic dilation. The right kidney measured 3.0 cm. A focal non-obstructive renolith was present in the area of the pylorus measuring 0.39 cm diameter.

WEIGHT

8.6 Pounds

The area of the aortic trifurcation was free of pathology.

INTERPRETED BY

R. McKenzie Daniel,
 DVM, DABVP
 (Canine and Feline)

Adrenal Glands

The adrenal glands were uniform in size and contour with a uniformly hypoechoic parenchyma. The right adrenal gland measured 0.28 cm in width. The left adrenal gland measured 0.34 cm in width.

Spleen

The spleen exhibited a finely textured and homogenous parenchyma which was hyperechoic to the liver and renal cortical parenchyma. The capsule was smooth and regular without apparent expansion. The splenic vasculature at the hilus was normal in volume with no evidence of congestion or thrombosis. Acute to chronic inflammatory, neoplastic, or benign parenchyma changes were not noted.

IMAGING PERFORMED BY

Rebekah Jakum, CVT
 ARDMS/RVT

HOSPITAL NAME

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Liver

The liver was subjectively normal in size, structure, and contour. The liver parenchyma was mildly nonuniform and hypoechoic to the spleen with a moderate coarse echotexture and subjective mild to benign parenchymal remodeling. The hepatic and portal vasculature were normal in appearance without signs of congestion. The gallbladder was non-distended in size with thin walls and primarily anechoic luminal content. The cystic and common bile ducts were normal.

REFERRING VET

Dr. Dengler

Gastrointestinal

INVOICE

25841

The stomach presented intact wall layering with a normal wall layer ratio. The lumen of the stomach was empty with no signs of ileus, obstruction or foreign material. Gastric body wall measured 0.26 cm.

DATE

9.28.2021

The small intestine presented intact wall layering with 1:3 muscularis/mucosa ratio. The lumen of the small intestine was empty with no signs of ileus, obstruction or foreign material. Duodenum wall measured 0.23 cm. Jejunum wall measured 0.22 cm.



PATIENT Normal visible colon wall layers were present with apparent formed feces in lumen.

Gypsy Darcey **Pancreas**

The parenchyma of the left limb, body and right limb of the pancreas presented isoechoic to the adjacent omental fat. A normal curvilinear capsule contour of the pancreas was present. The visible pancreatic duct was normal. No signs of active inflammation or neoplastic disease was evident.

SPECIES

Feline

Free Abdomen

BREED

No omental masses, lymphadenopathy or peritoneal effusion.

Domestic Shorthair

ULTRASONOGRAPHIC FINDINGS

SEX

FS

- Static bilateral chronic renal changes with previously noted left kidney cortical infarct and focal non-obstructive right kidney renolith
- Mild benign hepatic parenchymal remodeling
- Mild urinary bladder sediment

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

AGE

18 years

No evidence of visceral pathology including no evidence of intraabdominal metastasis with largely geriatric changes noted.

WEIGHT

8.6 Pounds

Further renal staging to include urine C/S and protein: creatinine ratio on sterile urine sample may be considered.

Continued sonographic monitoring based on oncology recommendations is recommended.

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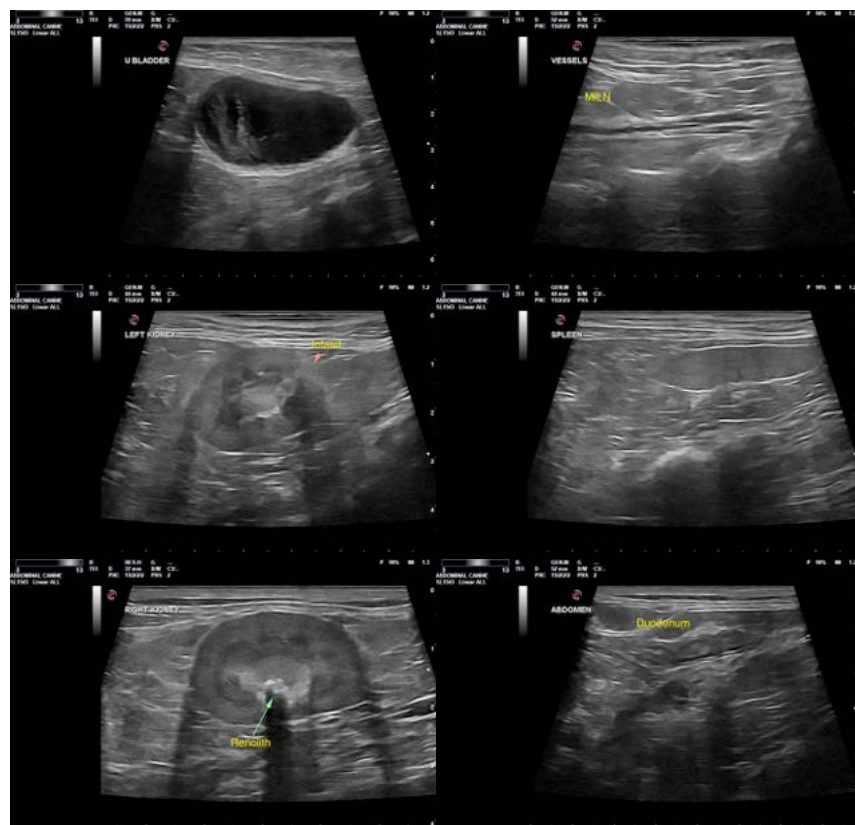
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PATIENT

Gypsy Darcey

SPECIES

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Domestic Shorthair

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AGE

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WEIGHT

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The information and recommendations provided are based on the images presented by the referring veterinarian. 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.

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