



PATIENT PRESENTING CLINICAL SIGNS

Cali Ney History: Inappropriate urination in house but using litter box as well, small amounts of urine production

SPECIES Medication: Convenia

Feline CBC/Chemistry panel- WNL, T4 - 1.8

BREED ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Domestic Shorthair

SEX Urinary System

FS The urinary bladder was normal in size and tone. A nonhomogeneous yet nonmineralized mass occupying the majority of the ventral urinary bladder wall was present, measuring approximately 3.2 cm in length x 1.2 cm width. Overt evidence of mural mineralization was not present. Anechoic urine was present with suspect mild particulate sediment, which may indicate concurrent mild cellular or crystalline debris. Potential for indistinct polyploid lesion associated with the urinary bladder mass may be possible. The urethra did not appear to be involved, exhibiting normal subjective structure and tone to a depth of 2.0 cm.

AGE 15 years The area of the aortic trifurcation was free of pathology and without evidence of regional medial iliac or sublumbar lymphatic metastasis.

WEIGHT 9.8 Pounds Normal size and margination were present in the kidneys. A normal 1:3 cortex / medulla ratio was maintained. The medulla and cortices were uniform in texture with some increased echogenicity and mild loss of corticomedullary symmetry and definition expected for the age of the patient. No evidence of pyelectasia was present. No evidence of left or right ureter fluid dilation was noted. The left kidney measured 3.3 cm in length. The right kidney measured 4.0 cm in length.

INTERPRETED BY

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

Adrenal Glands

No overt pathology was noted in the area of the left adrenal gland.

IMAGING PERFORMED BY

Rebekah Jakum, CVT
 ARDMS/RVT

The right adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The right adrenal gland measured 0.4 cm width.

HOSPITAL NAME

Alburtis AH

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.

REFERRING VET

Dr. Smith

Liver/ Gallbladder

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The liver was subjectively normal in size, structure, and contour. The liver parenchyma was uniform and hypoechoic to the spleen with a mild coarse echotexture. 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.

DATE

12.29.2021



PATIENT *Gastrointestinal*

Cali Ney The stomach exhibited intact yet prominent to mildly thickened gastric antrum and pylorus wall. The pylorus wall width measured 0.43 cm. The fundus and gastric body exhibited sonographically unremarkable intact wall layering. By comparison, the gastric body wall measured 0.26 cm.

SPECIES

Feline 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. The duodenum wall width measured 0.22 cm.

BREED

Domestic Shorthair

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

Pancreas

SEX

FS

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 were evident.

AGE

15 years

Free Abdomen

No overt lymphadenopathy or peritoneal effusion was present.

ULTRASONOGRAPHIC FINDINGS

WEIGHT

9.8 Pounds

Primary Findings

- Urinary bladder mass - most suggestive of neoplastic criteria, transitional cell carcinoma, squamous cell carcinoma, leiomyoma, leiomyoma sarcoma, lymphoma or other possible, potential for severe regional cystitis is considered a less likely differential diagnosis yet possible
- Bilateral mild chronic renal changes

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Secondary Findings

- Intact yet prominent to mildly thickened gastric antrum and pylorus walls - nonspecific

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ARDMS/RVT

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

HOSPITAL NAME

Biopsy of the urinary bladder mass would be required for a definitive diagnosis.

Alburtis AH

The mildly prominent to thickened gastric antrum and pylorus may indicate a patient variant or potential low-grade inflammation if previous or current history of vomiting, anorexia, or similar.

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Given normal renal function, an anti-inflammatory such as Piroxicam or similar +/- analgesia may be considered empirically.

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SPECIES

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BREED

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SEX

FS

AGE

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WEIGHT

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HOSPITAL NAME

Alburtis AH

REFERRING VET

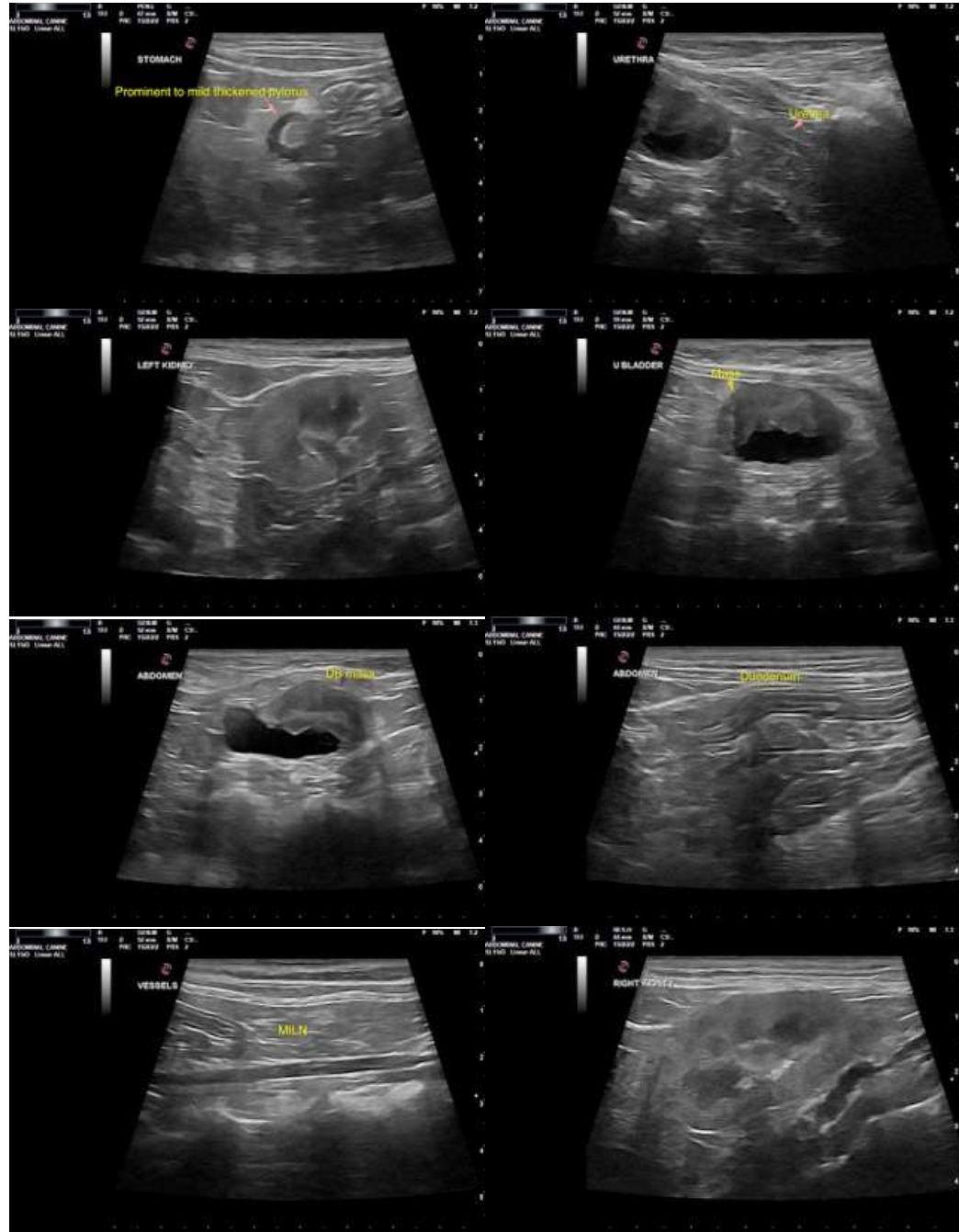
Dr. Smith

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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



PATIENT can be of any further assistance please contact me.

Cali Ney

R. McKenzie Daniel, DVM, DABVP (Canine/Feline Practice)

SPECIES mac.daniel@sonopath.com

Feline

BREED

Domestic Shorthair

SEX

FS

AGE

15 years

WEIGHT

9.8 Pounds

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