



PATIENT

Chicklet Heishman

SPECIES

Feline

BREED

DSH

SEX

Spayed Female

AGE

11 years

WEIGHT

3.6 kg

INTERPRETED BY

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

IMAGING PERFORMED BY

Erin Wicks

HOSPITAL NAME

Shores Veterinary
Emergency Center

REFERRING VET

Dr. Lupole

INVOICE

12158

DATE

9/2/21

PRESENTING CLINICAL SIGNS

Presented at our hospital for AUS. Started with urinary issues in May with slightly more frequent urination. Then seemed to be straining in the litter box so took to rdvm, UA showed UTI and possible diabetes vs stress (very fractious). Tx with antibiotics, didn't improve, tx with another round of antibiotics, still no improvement. Took back for bloodwork – wnl. Tried a convenia injection, still no improvement. Still frequent UR, brought to ER, UR on table – UR bloody, sent for culture – negative. Tx with Veraflox, spoke about AUS. No improvement with Veraflox so scheduled AUS. Licking hair off of stomach. Previous Health Concerns: Hx of UTI about every year but convenia usually works. Current Medications: Amitriptyline, Prednisolone EOD Appetite/When did they eat last: free fed, probably last night

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The urinary bladder, trigone, and cystourethral junction exhibited normal thickness and tone. The visualized proximal urethra was sonographically unremarkable with normal structure and tone to a depth of 2.0 cm. No evidence of proximal urethra dilation was noted. Anechoic urine was present in the lumen with no uroliths or sediment. The ureteral papillae were normal. The ureters were not visible which is normal. No evidence of inflammatory or neoplastic changes was noted.

The area of the uterine remnant was free of pathology.

The area of the aortic trifurcation was free of pathology.

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 or pyelonephritis was present. The left kidney measured 3.4 cm in length. The right kidney measured 3.4 cm in length.

Adrenal Glands

The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.25 cm width. The right adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The right adrenal gland measured 0.39 cm 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. The spleen measured 0.63 cm in width.

Liver/ Gallbladder

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



PATIENT	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.
Chicklet Heishman	
SPECIES	<i>Gastrointestinal</i>
Feline	The stomach presented intact wall layering with a normal wall layer ratio. The lumen of the stomach contained nonshadowing, echogenic, mild ingesta most consistent with post prandial presentation without signs of ileus, obstruction or foreign material.
BREED	
DSH	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.
SEX	Normal visible colon wall layers were present with apparent formed feces in lumen.
Spayed Female	<i>Pancreas</i>
AGE	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.
11 years	
WEIGHT	<i>Free Abdomen</i>
3.6 kg	No overt lymphadenopathy or peritoneal effusion was present.
INTERPRETED BY	ULTRASONOGRAPHIC FINDINGS
R. McKenzie Daniel, DVM, DABVP (Canine and Feline)	<i>Primary Findings</i>
IMAGING PERFORMED BY	<ul style="list-style-type: none"> • Mild age-related kidneys, no overt pyelonephritis • Sonographically unremarkable urinary bladder and visible proximal urethra
Erin Wicks	<u>INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS</u>
HOSPITAL NAME	Given the lack of upper or lower urinary tract pathology and negative urine C/S, an obvious cause of the patient's urinary issues was not definitively evident. Mild idiopathic cystitis would be a reasonable differential diagnosis. Continued supportive care for potential idiopathic cystitis which may be a trial and error therapy protocol would be reasonable. Potentially, the current use of every-other-day Prednisolone may be masking inflammatory lower urinary tract changes. Additional unlikely etiologies may include non-visualized urethral or vaginal vault pathology as well as Idiopathic renal hematuria. Cystoscopy may be indicated if continued hematuria is noted.
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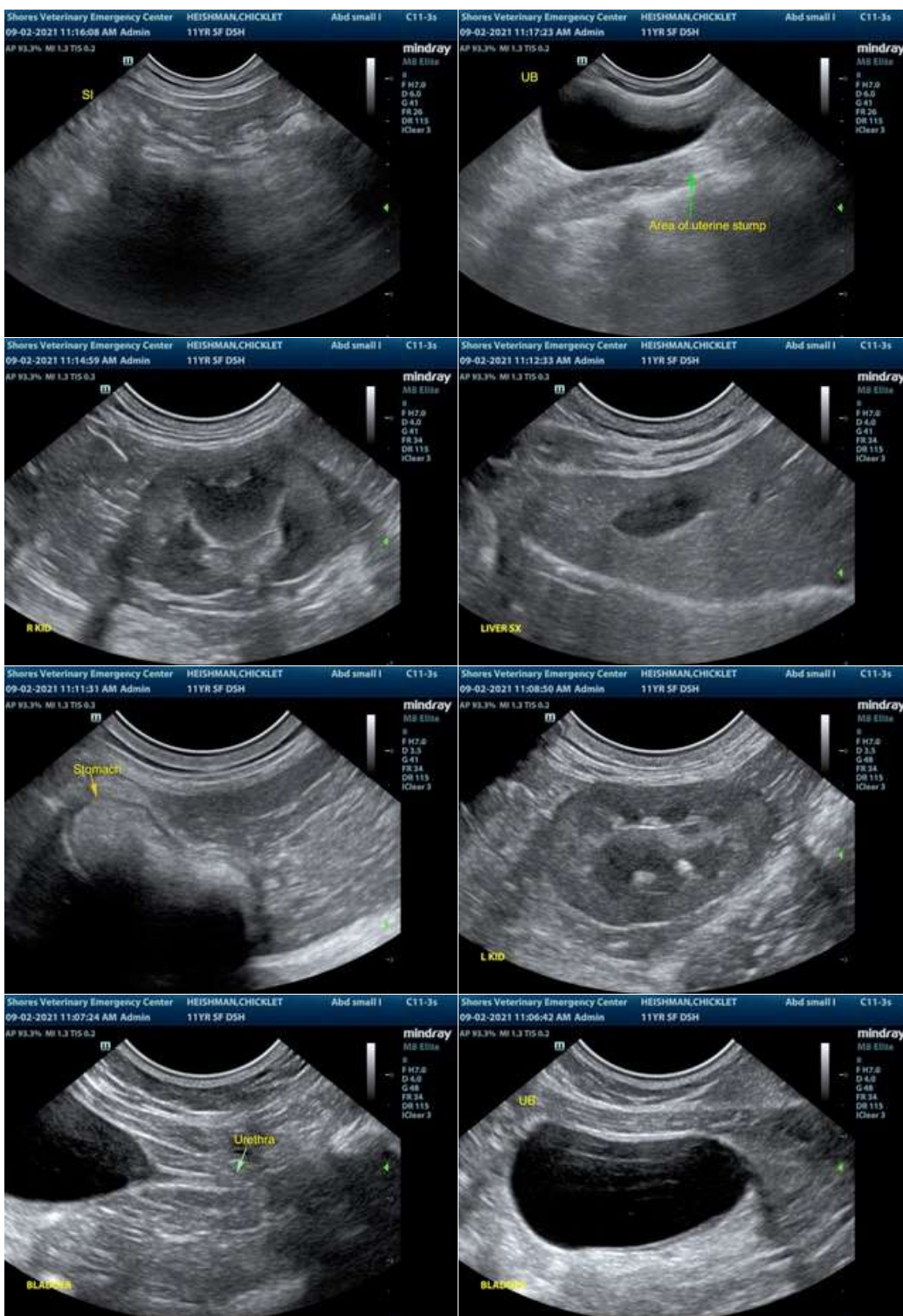
Dr. Lupole

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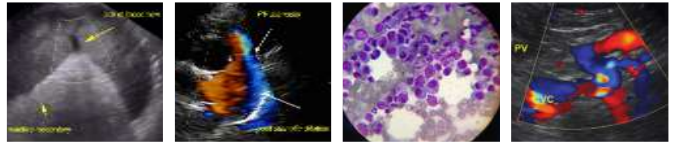
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.



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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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info@SonoPath.com

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