

Portable Animal Western Sonography, Inc.

IMAGING PERFORMED BY
pawsonography@gmail.com 530-786-8340

PATIENT PRESENTING CLINICAL SIGNS

Sadie Ellis Recurrent UTI- Hematuria and stranguria-
Abnormal PE/Chem/CBC/UA Results: UA culture: Proteus mirabilis

SPECIES ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Canine **Urinary System**

BREED
Aus Shep Mix
The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 3 cm exhibited normal thickness and tone. 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 were noted.

SEX

FS
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 pelvic dilation was present. The left kidney measured 6.6 cm in length. The right kidney measured 6.1 cm in length

AGE

11yr

WEIGHT

57lb

The area of the aortic trifurcation was free of pathology.
The area of the uterine remnant appeared normal and free of pathology.

INTERPRETED BY

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

Adrenal Glands

The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.70 cm width at the caudal pole and 0.55 cm width at the cranial pole. The right adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The right adrenal gland measured 0.65 cm width at the caudal pole and 0.94 cm width at the cranial pole.

IMAGING BY

Loetitia Saint-Jacques,
LVT

Spleen

The spleen exhibited generalized subtle parenchyma heterogeneity with intermittent discrete non-disruptive hypoechoic nodules, an example measuring 1.1 cm in diameter. 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.

HOSPITAL NAME

Truckee Meadows VH

REFERRING VET

Dr. Kuester

Liver

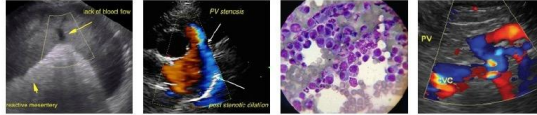
The liver presented enlarged in size. The parenchyma of the liver was subjectively normal in echogenicity compared to the spleen and renal cortices. Intermittent discrete hypoechoic nodules were present, an example measuring 1.2 cm in diameter. The capsule of the liver was symmetrically rounded to mildly swollen in margination. The hepatic and portal vasculature were normal in appearance without signs of congestion. The gallbladder was non-distended in size with primarily anechoic luminal content and mild non-dependent hyperechoic to mildly striated non-

INVOICE

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DATE

12/13/2022



PATIENT organized debris. No evidence of gallbladder or peripheral gallbladder inflammation was present. The cystic and common bile ducts were normal.

Sadie Ellis

Gastrointestinal

SPECIES 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.

Canine

BREED 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.

Aus Shep Mix

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

SEX **Pancreas**

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 was evident.

AGE

11yr

WEIGHT **Free Abdomen**

57lb

No overt lymphadenopathy or peritoneal effusion was present.

INTERPRETED BY **ULTRASONOGRAPHIC FINDINGS**

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

- Sonographically unremarkable urinary bladder and visible proximal urethra
- Mild age-related kidney changes-no evidence of pyelonephritis
- Intermittent discrete splenic nodules-subjectively benign, hyperplasia, hematopoiesis or similar suspected
- Minor hepatic parenchymal remodeling and intermittent discrete hepatic nodules-subjectively benign, nodules suggestive of discrete nodular to regenerative hyperplasia, hematopoiesis or similar
- Gallbladder debris (non-mucocele)

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HOSPITAL NAME **INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Truckee Meadows VH

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Dr. Kuester

Overall, a mild geriatric abdomen without evidence of significant visceral specifically upper or lower urinary tract pathology. Given positive urine C/S, a higher dose shorter frequency antibiotic regiment based on C/S results i.e. enrofloxacin 20 mg/kg PO SID x 3-4 days may prove more effective at eliminating recurrent infection. No evidence of cystitis or urinary bladder neoplastic criteria was present.

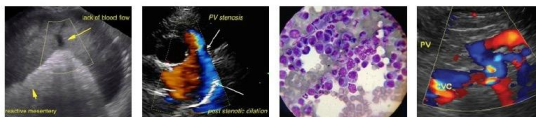
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Assessment of the vulva and vaginal vault for evidence of structural abnormalities that may predispose to ascending infection is recommended. A recheck urine C/S 7 days post completion of antibiotics is suggested.

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SPECIES

Canine

BREED

Aus Shep Mix

SEX

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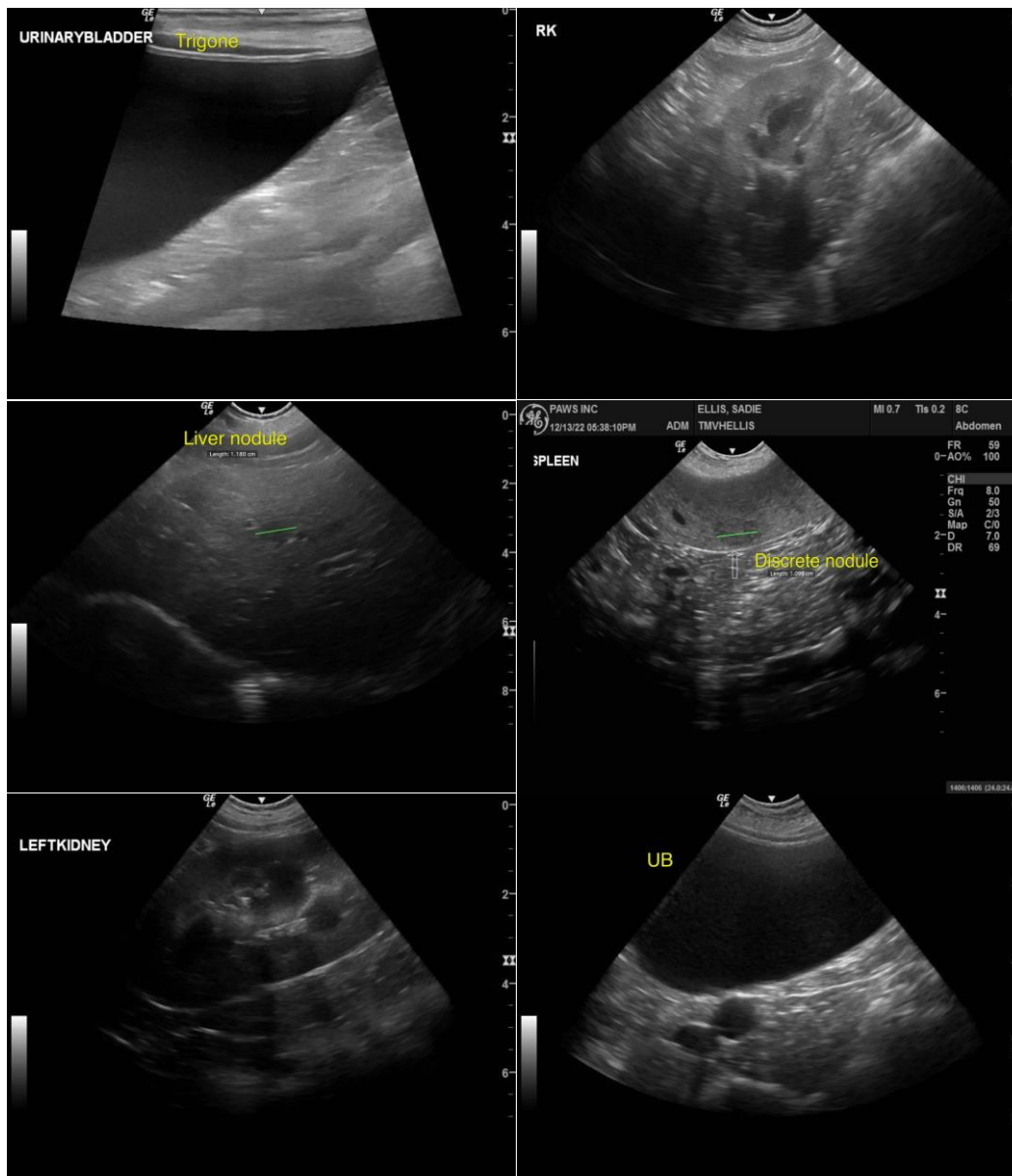
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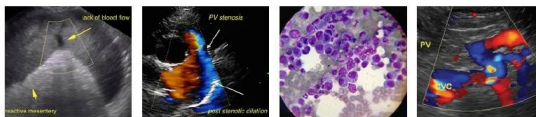
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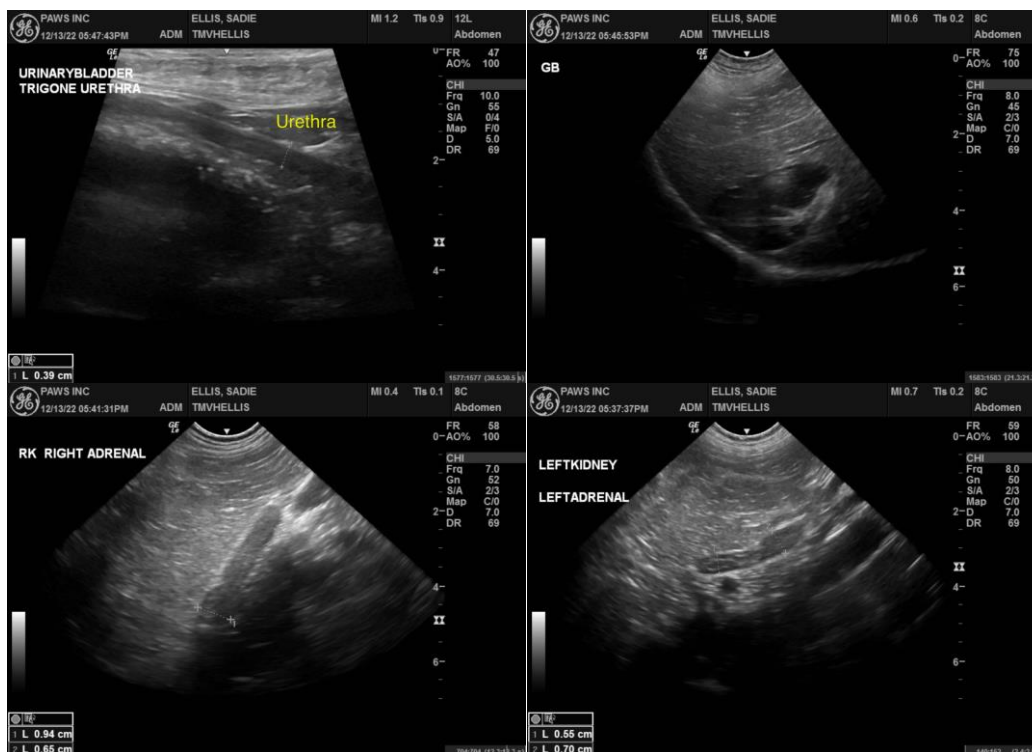
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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