



PATIENT

Sybil Fuchs

PRESENTING CLINICAL SIGNS

Constant clear vaginal discharge with a slight odor for the past 2 years. No response to Incurin Butorphanol IV to facilities AUS

SPECIES

Canine

Abnormal PE/Chem/CBC/UA Results: PE: WNL 7/27/23: UA via cysto: — USG: 1.024 — inactive sediment Urine C/S: No growth

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

BREED

Poodle

Urinary System

The urinary bladder was normal in size and tone. No overt pathology in the area of the trigone and cystourethral junction. The proximal urethra was indistinctly visualized exhibiting overtly normal structure and likely tone to a depth of 3 cm. 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 and normal corticomedullary 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 left kidney measured 6.3 cm in length. The right kidney measured 6.9 cm in length.

AGE

8yr

WEIGHT

33.8kg

The area of the aortic trifurcation was free of pathology.

A small mildly non-homogenous structure in the area of the uterine remnant dorsal to the urinary bladder trigone was present measuring ~ 3.8 cm x 1.1 cm. Blood flow on color Doppler was noted adjacent to the structure without overt evidence of ureteral or ureteral papilla involvement.

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 0.55 cm width at the caudal pole and 3.1 cm length. The right adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The right adrenal gland measured 0.55 cm width at the caudal pole and 3.3 cm length.

IMAGING PERFORMED BY

Patti Mayfield DVM

Spleen

The spleen exhibited primarily finely textured and homogenous parenchyma which was hyperechoic to the liver and renal cortical parenchyma. Solitary to possible intermittent well-defined, symmetrical, hyperechoic nodules were present throughout the cranial to caudal parenchyma. An example of a nodule measured 0.3 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. Acute to chronic inflammatory or neoplastic changes were not noted. The hyperechoic nodules tend to trend benign and are most consistent with benign hyperplasia or myelolipomas.

HOSPITAL NAME

Broken Top
Veterinary Clinic

REFERRING VET

Terra McSwain DVM

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. Normal vascular volume. The hepatic and portal vasculature were normal in appearance without signs of congestion. The gallbladder was

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non-distended in size with thin walls and primarily anechoic luminal content. The cystic and common bile ducts were normal.

Gastrointestinal

SPECIES

Canine

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.

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.

BREED

Poodle

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 was evident.

AGE

8yr

Free Abdomen

No omental masses, overt lymphadenopathy or peritoneal effusion was present.

WEIGHT

33.8kg

ULTRASONOGRAPHIC FINDINGS

- Sonographically unremarkable urinary bladder.
- Suspect small uterine stump granuloma.
- Normal bilateral kidneys.

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Secondary

- Small benign splenic myelolipoma/s.

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

No overt evidence of primary lower urinary tract pathology. Vaginoscopy or cystoscopy may be considered to rule out non-visualized vagina or urethral abnormality as a contributing factor. Definitive evidence of ovarian remnant was not obvious yet if clinical signs of estrus anti mullerian hormone assay could be considered.

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Potential for adherence of the suspect small uterine stump granuloma to the urinary bladder cannot be definitively excluded if clinical signs of incontinence are present. Abdominal CT would likely be ideal for clarification and potential surgical planning.

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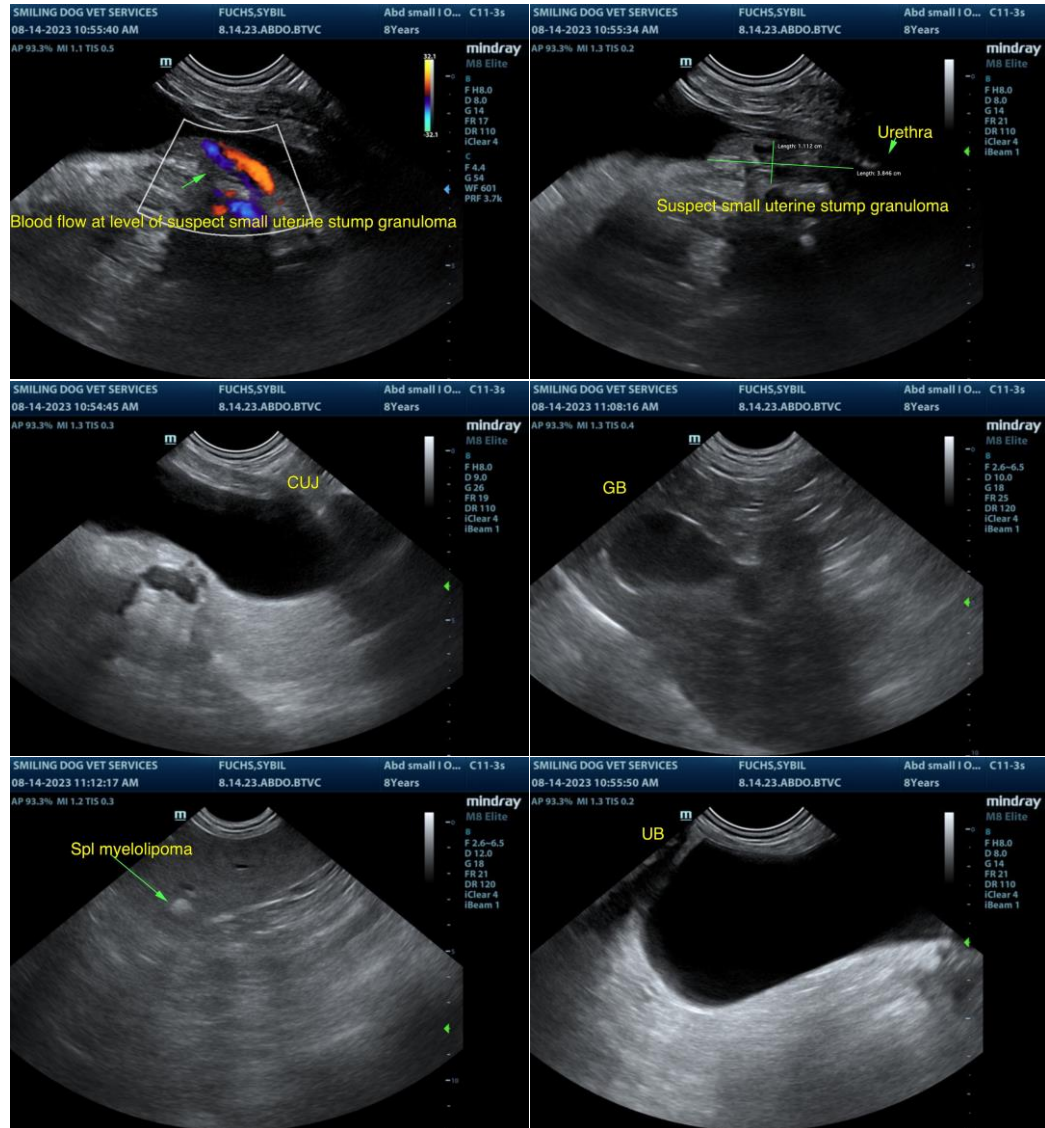
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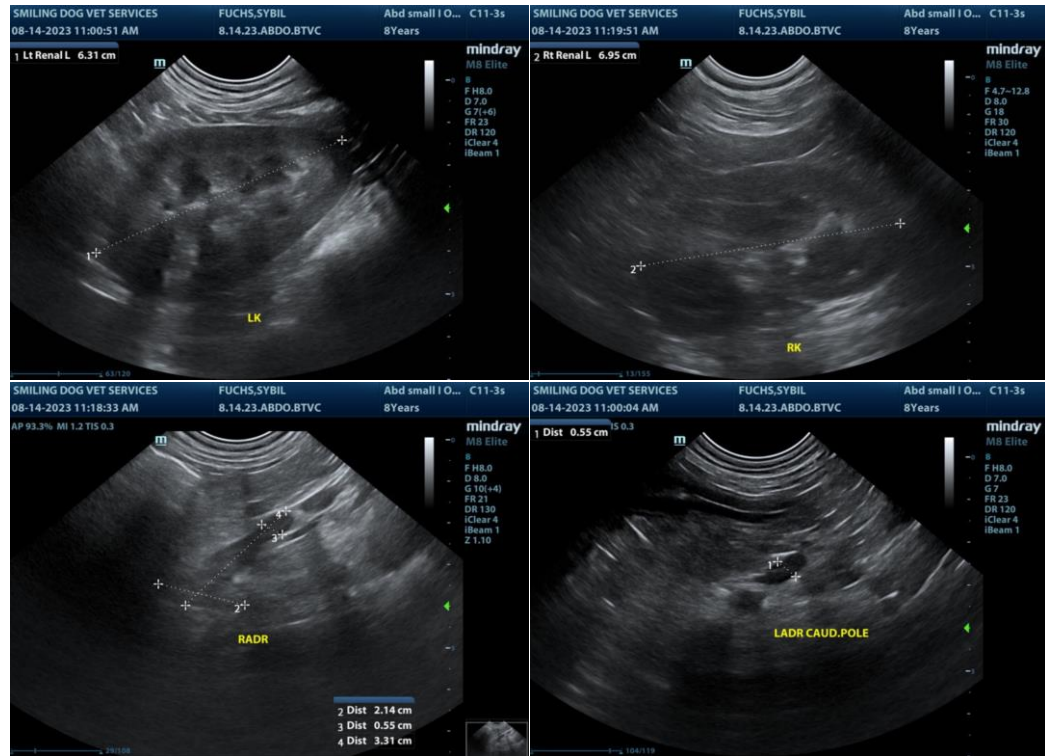
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

INTERPRETED BY

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(Canine and Feline)

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.

IMAGING PERFORMED BY

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