



PATIENT PRESENTING CLINICAL SIGNS

Sophie Paquin Chronic hematuria. Could not find a spay scar, although she is supposedly spayed. UA: blood in urine, natural voids, no evidence of infection.

SPECIES LIMITED ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Canine **Urinary System**

BREED

Great Pyrenees

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 very minor particulate sediment. The sediment may indicate cellular debris / protein, crystalline debris, lipid, or mucus. The ureteral papillae were normal. The ureters were not visible which is normal. No evidence of inflammatory or neoplastic changes were noted.

SEX

FI

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 6.7 cm in length.

AGE

9yr

A fluid filled structure exhibiting mild tortuosity was present dorsal and cranial to the urinary bladder exhibiting variable fluid dilation measuring 0.1-0.26 cm. The fluid was anechoic without overt evidence of echogenic changes. A cystic appearing structure was present in the area of the left ovary containing subjective anechoic fluid measuring 2.6 cm in diameter. Possible concurrent cystic appearing structure in the area of the right ovary although not definitive, potentially obscured by adjacent tortuous structure.

WEIGHT

76.5lb

INTERPRETED BY

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

ULTRASONOGRAPHIC FINDINGS

- Intact vs retained fluid filled uterus possibly extending into the uterine body
- Possible unilateral vs bilateral cystic ovaries
- Mild age related renal changes with indistinct discrete medullary mineralization
- Sonographically urinary bladder and visible proximal urethra, very minor particulate urinary bladder sediment

IMAGING PERFORMED BY

Pamela Harrigan, RDCS

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The findings are most consistent with retained or intact fluid filled uterine tissue which may indicate hydrometra, mucometra, pyometra or similar. Laparotomy with gross inspection of the fluid filled structure, area of the uterus and bilateral ovaries with resection of the ovariouterine tissue to the level of the cervix or to potentially include the cervix is recommended.

HOSPITAL NAME

VCA Palmer AH

REFERRING VET

Dr. Haroules

No overt evidence of adhesion of uterine tissue to the cystourethral junction or proximal urethra although cannot be definitively excluded.

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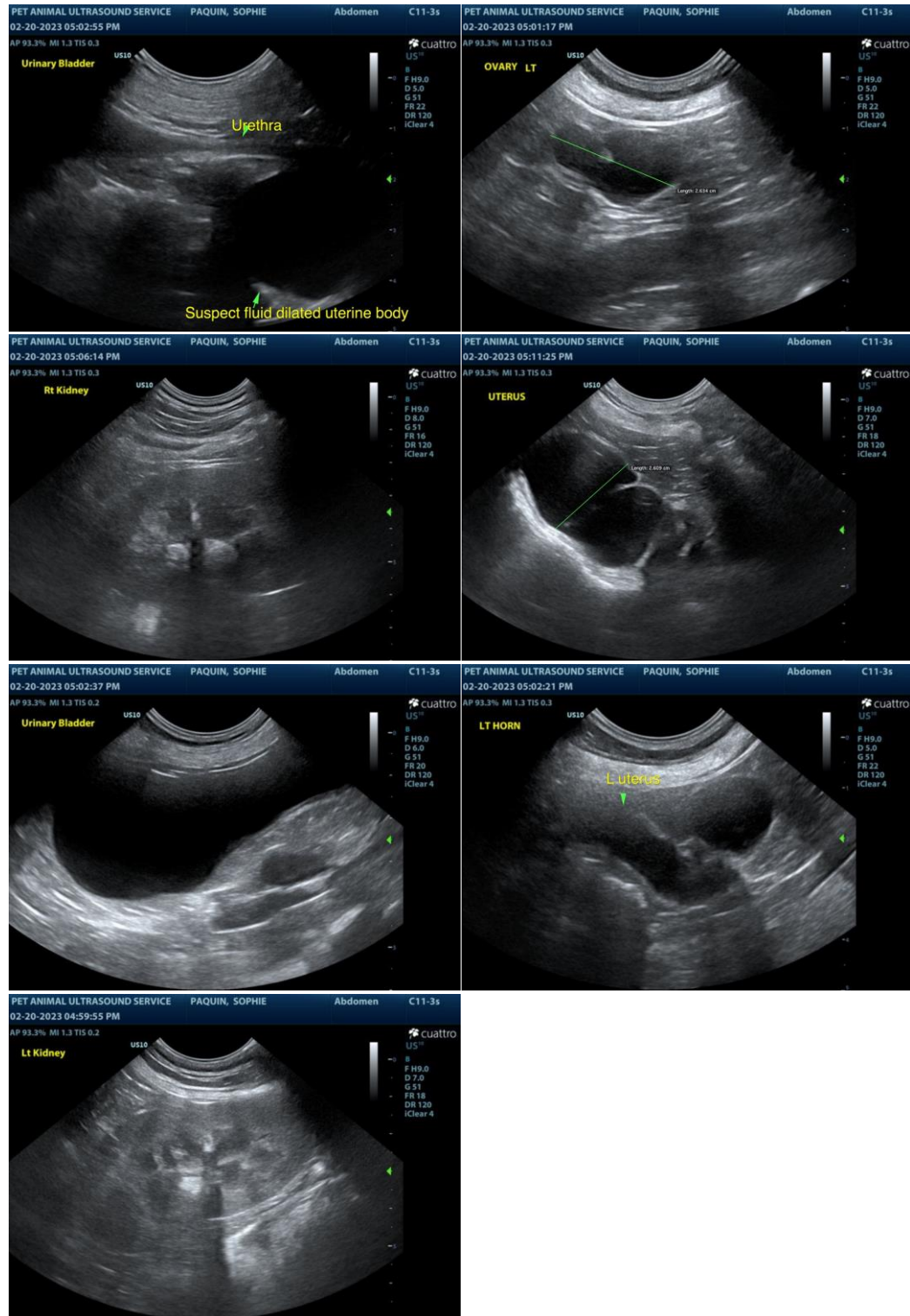
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

Thank you for this referral. If the clinical or image interpretation does not parallel your findings or if I



PATIENT

Sophie Paquin

can be of any further assistance please contact me.

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

info@SonoPath.com

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