



PATIENT

Robin Dunlop

PRESENTING CLINICAL SIGNS

Frank red vulva d/c recent mammary masses removed 2/9/22 acting normal but bloody d/c Urine pH 9.0 WBC 10/HPF RBC 22/HPF remainder WNL UG 1.036

SPECIES

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

BREED

Cocker Spaniel

The **urinary bladder**, trigone, and pelvic urethra presented normal thicknesses and normal tone. The ureters were not visible which is normal. No uroliths or sediment were visualized and anechoic urine was present. No evidence of inflammatory or neoplastic changes was noted. Ureteral papillae were normal.

SEX

Spayed Female

AGE

7 years

The **kidneys** revealed normal size and structure, corticomedullary definition and ratio for this age. The cortices presented largely uniform texture with normal echogenic relationship to liver and spleen. Medullary structure differed distinctly from the cortex and no evidence of pelvic dilation was present. The capsules were acceptably uniform without significant irregularities. The right kidney measured 6.08 cm. The left kidney measured 5.83 cm.

WEIGHT

36 lbs

Adrenal Glands

Both **adrenal glands** were visualized and recognized as having normal shape, size, position and echogenicity for this breed. The phrenic vasculature, glandular echogenicity and detail were unremarkable. Capsule, cortex, and medullary definition were normal for this age patient. The left adrenal gland measured 2.59 x 0.85 cm at the caudal pole and 0.83 cm at the cranial pole. The right adrenal gland measured 0.8 cm at the cranial pole and 0.5 cm at the caudal pole.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Jenn

Spleen

The **spleen** in this patient was mildly enlarged with uniform parenchyma and was folded upon itself caudally. This is a positional variant and is not pathological. There was no evidence of significant disease.

HOSPITAL NAME

Rockaway AH

Liver

REFERRING VET

Dr. Maniar

The **liver** images submitted revealed subjectively normal liver size, contour, and structure. Parenchymal echogenicity was naturally coarse and hypoechoic to the spleen. Vascular and biliary tracts were of normal volume with no evidence of congestion. The gallbladder presented acceptably thin walls with primarily anechoic content. The cystic and common bile ducts were normal. No pathological hepatic lymphadenopathy was evident. No overt structural evidence of inflammatory, infiltrative or regenerative pathology was evident.

INVOICE

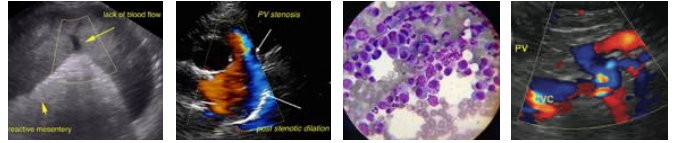
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DATE

2/22/22

Gastrointestinal

Examination of the **gastrointestinal tract** revealed a stomach and intestine free of stasis, of normal wall thickness, acceptable curvilinear mural detail, and peristaltic activity. Small and large intestine



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demonstrated normal luminal chyme and stool consistency respectively. No obstructive or overt infiltrative disease was noted. No associated abnormal lymphatic activity was noted.

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SPECIES

Pancreas

Canine

The base and limbs of the **pancreas** were observed to be largely isoechoic to surrounding omental fat. Pancreatic duct and capsular contour were acceptably normal and parenchyma respected normal curvilinear patterns. No overt evidence of active inflammatory or neoplastic disease was noted.

BREED

Cocker Spaniel

Free Abdomen

SEX

The caudal abdomen revealed an irregular 1-1.5 cm wide x approximately 3.0 cm long tubular structure in the region of the uterine stump or uterine base. Regional inflammation is present.

Spayed Female

AGE

ULTRASONOGRAPHIC FINDINGS

7 years

Stump pyometra pattern.

WEIGHT

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

36 lbs

Exploratory surgery is recommended for removal of any residual uterus. There was no overt ovarian remnant noted in this patient. However, both ovarian fosses should be investigated at the time of surgery to ensure an ovarian remnant is not an issue. There is a minor potential for neoplasia. Treatment for UTI is warranted given the pyuria.

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DABVP, Cert. IVUSS

IMAGING PERFORMED BY

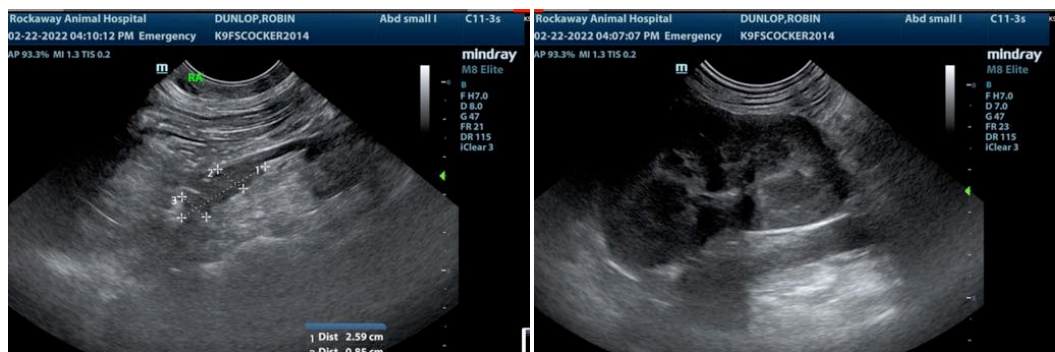
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SPECIES

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BREED

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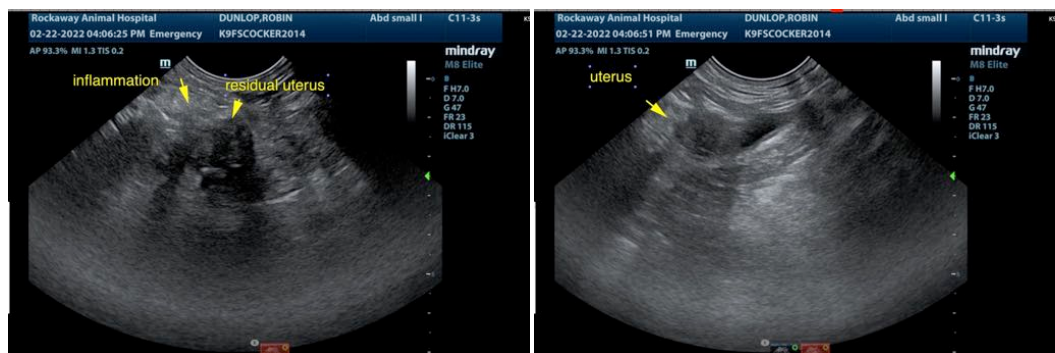
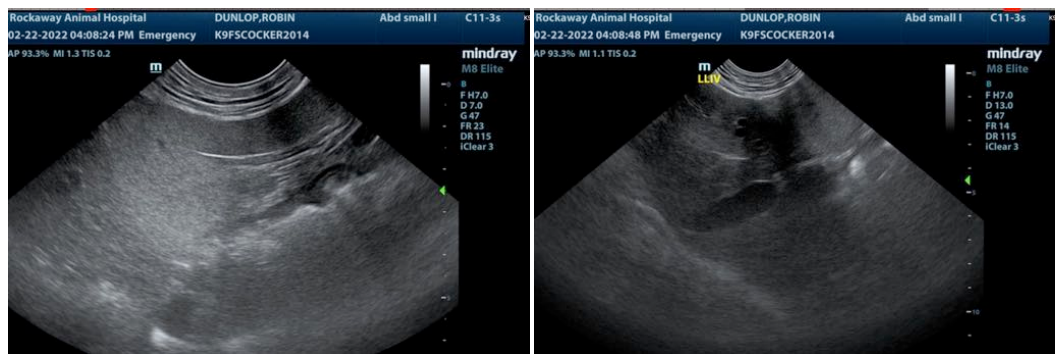
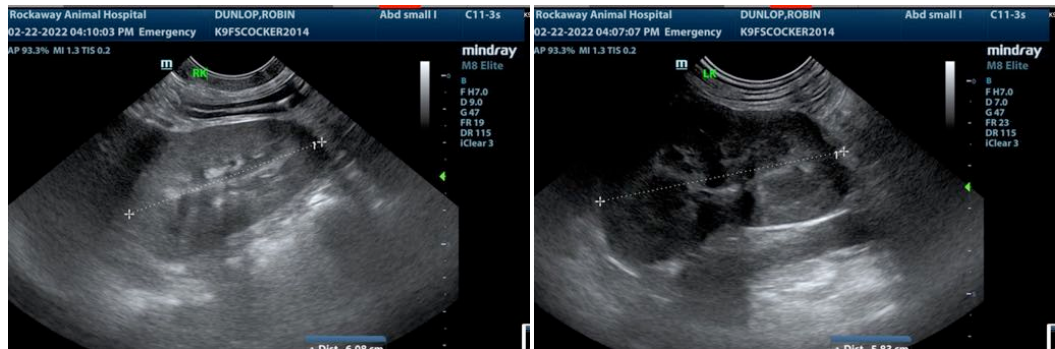
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

Eric Lindquist, DMV, DABVP, Cert. IVUSS, CEO of SonoPath.com
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