



PATIENT

Indigo Hanhn

SPECIES

Canine

BREED

Parsons Terrier

SEX

SF

AGE

13 years

WEIGHT

13 lbs.

INTERPRETED BY

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

IMAGING PERFORMED BY

Sara Hansen

HOSPITAL NAME

Countryside AC

REFERRING VET

Dr. Cox

INVOICE

16486

DATE

3/29/23

PRESENTING CLINICAL SIGNS

Bloody vaginal discharge. Hx of bladder stones. Spayed due to pyometra 3/17/2022.
Abnormal PE/Chem/CBC/UA Results: UA was unremarkable

Current Medications No meds

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The urinary bladder was normal in size and tone. Focal, mildly thickened, ventroapical urinary bladder wall measuring approximately 1.0 cm x 0.36 cm. The remainder of the urinary bladder was sonographically unremarkable. Anechoic urine was present in the lumen with very minor particulate sediment, which may indicate cellular debris / protein, crystalline debris, or mucus. No evidence of recurrent calculi was noted. The urethra exhibited normal structure and tone to a depth of 2.0 cm.

The visualized uterine remnant appeared to be sonographically unremarkable without evidence of enlargement or luminal fluid. The subjective uterine remnant measured 0.5 cm in diameter.

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 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 4.1 cm in length. The right kidney measured 3.9 cm in length.

Adrenal Glands

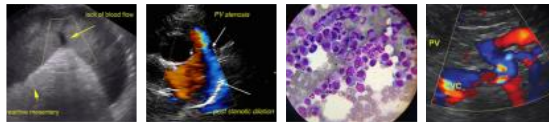
The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 1.4 cm length x 0.45 cm width at the caudal pole. The right adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The right adrenal gland measured 1.4 cm length x 0.35 cm width at the caudal pole.

Spleen

The spleen exhibited normal size and contour. Several discrete nondisruptive splenic nodules were present. An example of a splenic nodule measured 0.4 cm diameter. Normal splenic vascularity was noted with no masses. Nondisruptive splenic nodules tend to trend benign and are likely consistent with discrete areas of hyperplasia, hematopoiesis, or similar.

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 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.



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Gastrointestinal

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The stomach presented intact wall layering with a normal wall layer ratio. The lumen of the stomach contained mild gastric ingesta, sonographically consistent with food, without signs of obstruction or foreign material.

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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.

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

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Pancreas

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.

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Free Abdomen

Small, spherical-appearing homogeneous structure was noted caudal to the left kidney within the area of the left ovary measuring 0.9 cm in diameter. No evidence of a concurrent similar appearing structure was noted caudal to the right kidney. No evidence of omental masses or peritoneal effusion was noted.

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ULTRASONOGRAPHIC FINDINGS

Primary Findings

- Overtly normal uterine remnant - no overt uterine remnant enlargement, granuloma, or stump pyometra criteria
- Suspect possible left ovarian remnant
- Overall normal urinary bladder with focal mildly thickened ventroapical wall - suspect possible minor residual cystitis or mural scarring secondary to previous nonrecurrent calculi or possible previous cystotomy site

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Secondary Findings

- Discrete splenic nodules - subjectively benign

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Vaginal cytology to assess for estrus, vaginal cytology criteria, as well as anti-mullerian hormone is recommended for further assessment.

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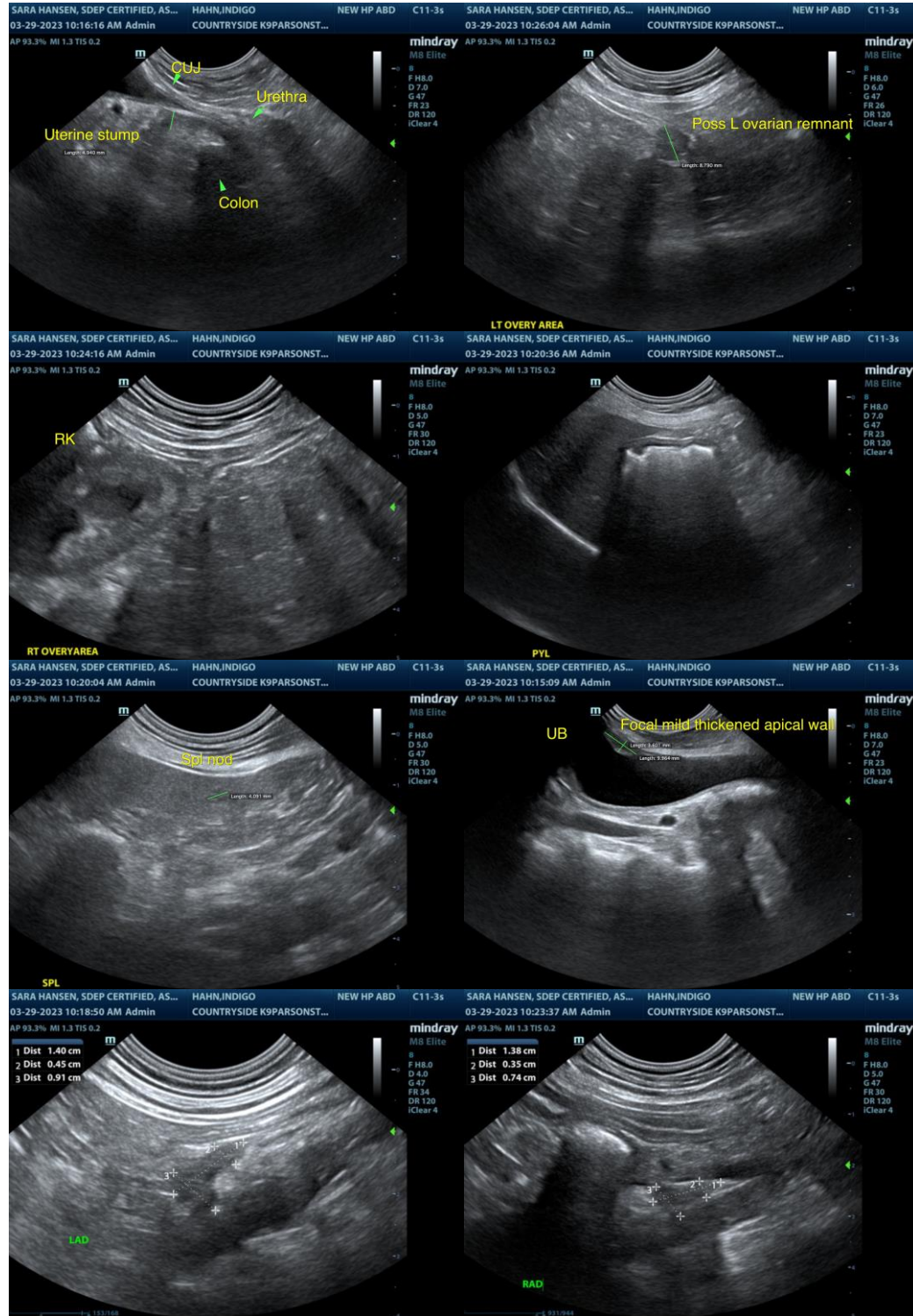
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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)
info@SonoPath.com