



PATIENT

Persephone
MacFarlane

SPECIES

Canine

BREED

Havanese

SEX

Spayed Female

AGE

1 Year 6 Months

WEIGHT

4.11 kg

INTERPRETED BY

Eric Lindquist, DMV,
DABVP(CFM), Cert.
IVUSS

IMAGING PERFORMED BY

Dr. Jill Rankin

HOSPITAL NAME

Fisk Creek Pet Hospital

REFERRING VET

Dr. Erica

INVOICE

13634

DATE

02/06/26

PRESENTING CLINICAL SIGNS

- Patient was previous healthy with intermittent GI upset. Spayed on Thursday last week and received one dose of Metacam on Friday. Developed inappetence, vomiting, hematochezia. Hospitalized at Paramount for 2-3 days with supportive care, began eating, diarrhea resolved. Discharged with oral meds Monday, diarrhea returned without any blood, no further vomiting, patient has eaten very minimal food (2 tbsp) since Monday, more lethargic. Bloodwork at Paramount showed hemoconcentration (HCT 57%), low globulin. Bloodwork repeated Feb 4 HCT was 48%, low amylase, otherwise normal. Snap Cortisol at Paramount elevated at 257 mmol/L. Fecal PCR a month ago was negative.

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The **urinary bladder**, trigone, and pelvic urethra to a depth of 2.0 cm 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 were noted. Ureteral papillae were normal.

Mixed echogenic tissue was noted cranial to the urinary bladder measuring 1.2 cm.

The ovarian pedicle revealed hyperechoic changes with a trace amount of fluid. The residual uterine stump was unremarkable yet somewhat long for prior ovarian hysterectomy measuring 0.56 cm. The hyperechoic change in the area of the right ovarian fossa revealed a 0.4 cm hypoechoic structure and a hypoechoic structure in the left ovarian fossa measuring 1.0 cm.

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 left kidney measured 3.5 cm in length. The right kidney measured 3.5 cm in length.

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 0.37 cm width at the caudal pole and 0.38 cm width at the cranial pole. The right adrenal gland measured 0.74 cm width at the cranial pole and 0.60 cm width at the caudal pole.

Spleen

The **spleen** was folded upon itself cranially and caudally.

Liver

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



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pathological hepatic lymphadenopathy was evident. No overt structural evidence of inflammatory, infiltrative or regenerative pathology was evident.

Gastrointestinal

Examination of the **gastrointestinal tract** revealed an unremarkable stomach and small intestine regarding structure. There were minor areas of luminal fluid noted. There was no evidence of obstructive pattern. Curvilinear patterns were retained throughout the gastrointestinal tract. Areas of hyperperistalsis were noted. This is consistent with response to irritation. The colon was unremarkable.

Pancreas

The **pancreas** was uniform with no evident pathology.

Free Abdomen

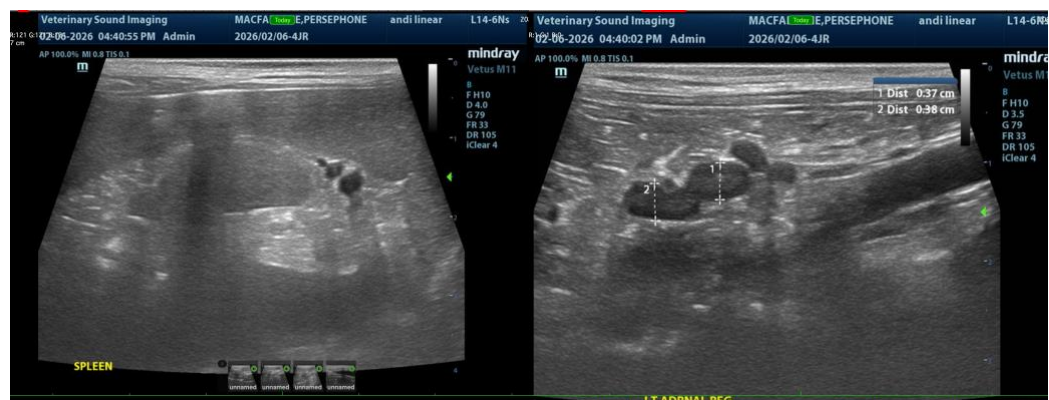
The slightly enlarged **mesenteric lymph nodes** presented normal length to width ratio with slight, swollen contour. There was no loss of parenchymal detail. This is most consistent with reactive lymphadenitis or lymphatic hyperplasia.

ULTRASONOGRAPHIC FINDINGS

- Nonspecific gastroenteritis.
- Prominent spleen.
- Mesenteric lymphadenopathy.
- Heterogenous ovarian tissue at the ovarian fossa and slightly elongated uterus- potential residual reproductive tissue (to monitor at a later date, especially if any eventual signs of heat occur in this patient).

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Given that this patient was recently spayed within the last 7-10 days, some of the residual reproductive tissue may just be a granulomatous change and suture reaction, however, cannot rule out residual ovarian tissue. This may be completely incidental and should be monitored over the next 3-4 weeks. Management for gastroenteritis is warranted. If clinical decline occurs, recheck sonogram is indicated.





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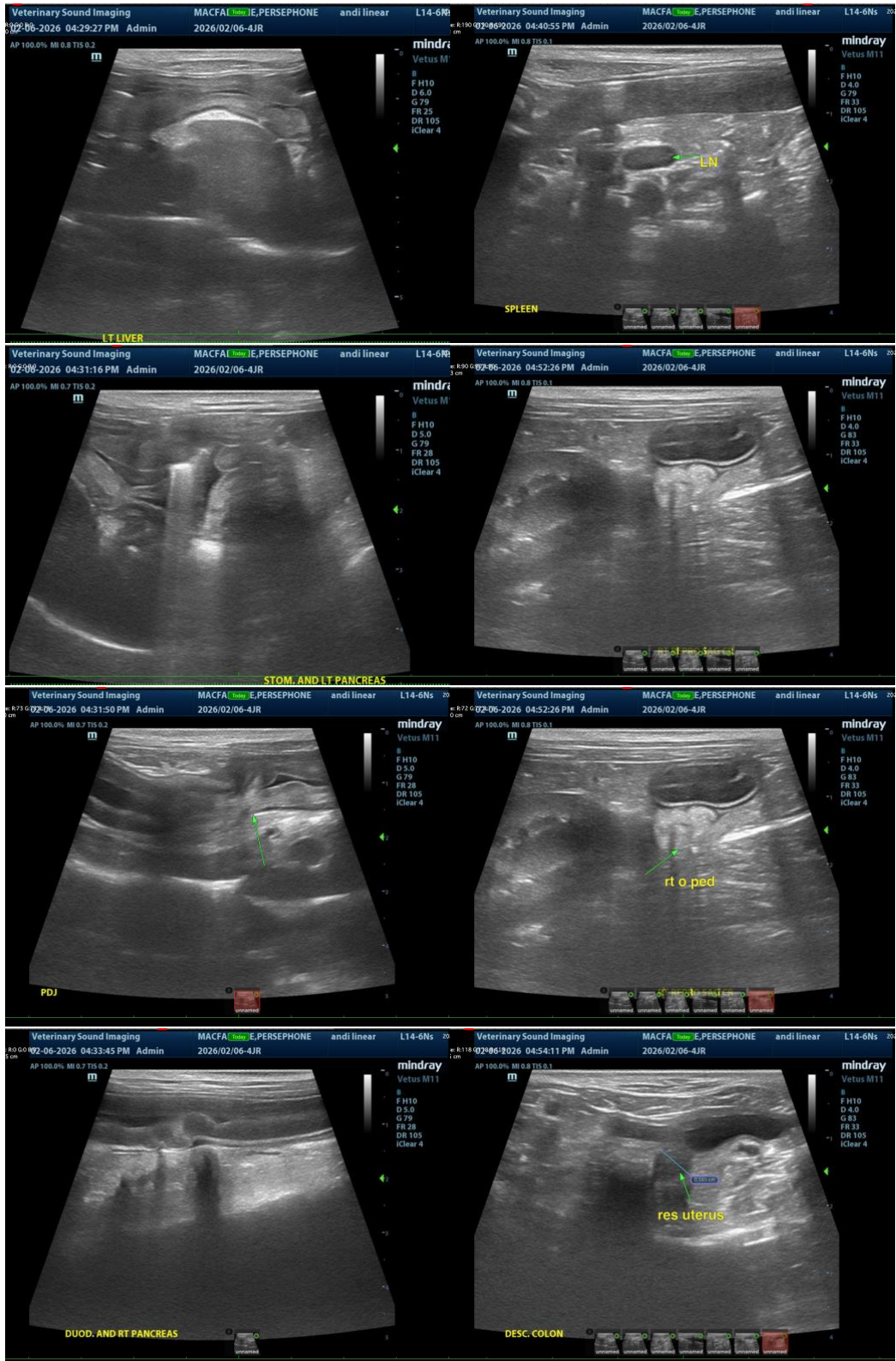
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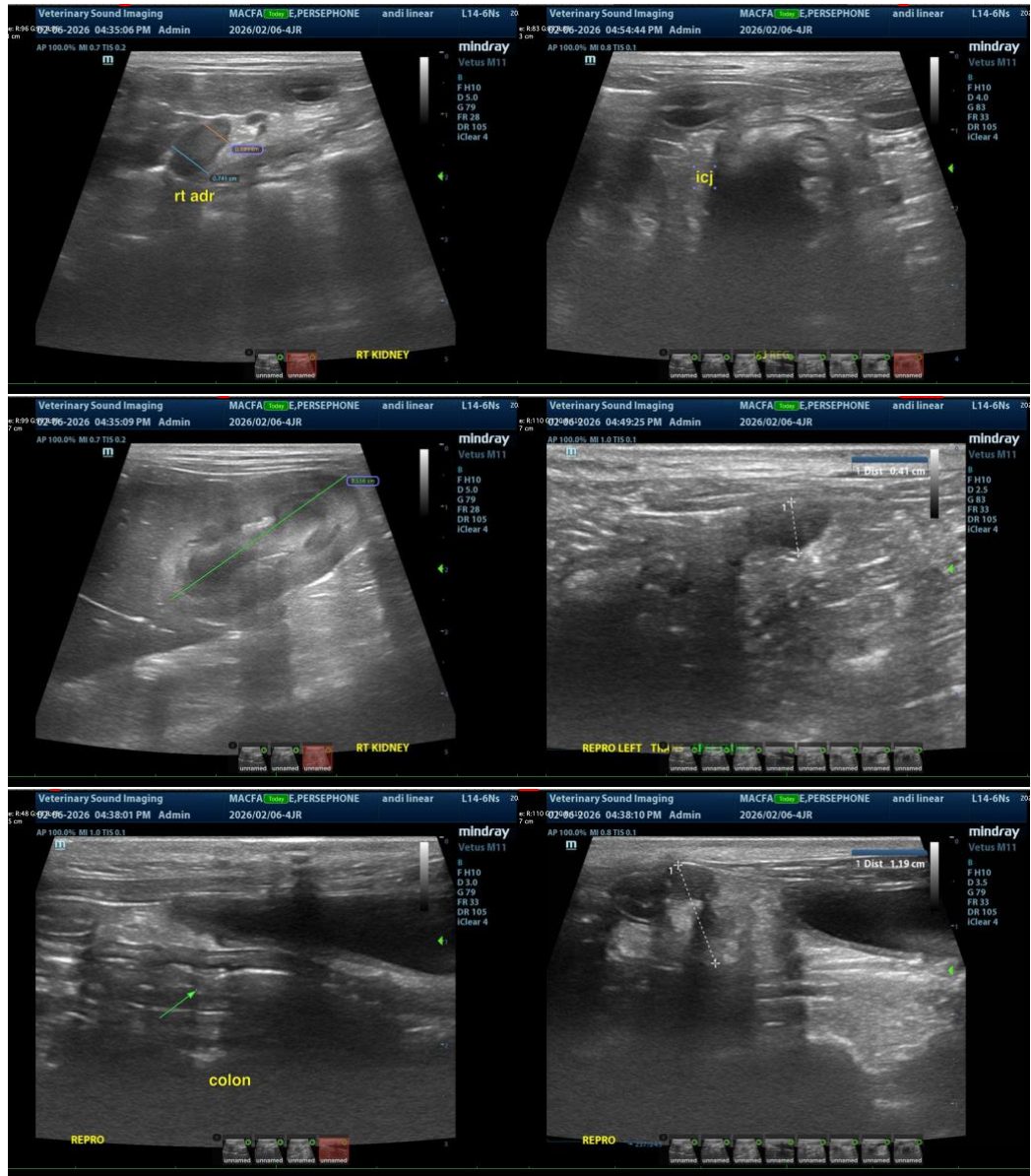
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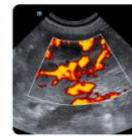
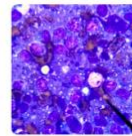
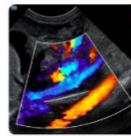
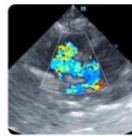
The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

Eric Lindquist, DMV, DABVP(CFM), Cert. IVUSS,

CEO, Owner, Founder -- SonoPath.com

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