

PATIENT

Nanna Dyer

PRESENTING CLINICAL SIGNS

Bred, did not become irate. Poor appetite.

SPECIES

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

BREED

Belgian Terrier

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

Intact female

The left uterine horn was dilated up to 1.5 cm with fluid. The right horn was unremarkable. The left ovary was uniform and measured up to 1.26 cm. The right ovary was uniform and measured 1.7 x 1.13 cm.

AGE

6 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 left kidney measured 5.67 cm. The right kidney measured 5.65 cm.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

Adrenal Glands

The left adrenal gland appeared flattened and measured 2.5 x 0.3 cm. The right adrenal gland measured 2.58 x 0.5 cm and appeared flattened.

IMAGING PERFORMED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

Spleen

The **spleen** presented a smooth homogeneous parenchyma hyperechoic to liver and renal cortical parenchyma. The capsule was smooth without noticeable expansion or deviation from within the spleen or adjacent pathology. The splenic vasculature demonstrated normal volume without signs of congestion or thrombosis. No sonographic evidence of acute or chronic inflammatory, neoplastic, or infarctual changes was noted.

HOSPITAL NAME

Franklin Lakes AH

REFERRING VET

Dr. Pomerantz

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

INVOICE

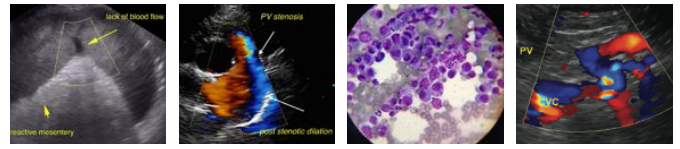
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DATE

4/25/23

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

Belgian Terrier

ULTRASONOGRAPHIC FINDINGS

SEX

Left uterine horn, fluid filled dilation. Pyometra, mucometra and hydrometra are all possible.

Intact female

Flattened adrenal glands.

AGE

6 years

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

****The patient was not allowed to be shaved for the sonogram. Therefore, the resolution was not optimal. Gross evaluation of the abdomen was performed.**

INTERPRETED BY

Eric Lindquist, DMV DABVP, Cert. IVUSS

The patient should be screened for Addison's given the age and breed. Baseline cortisol or ACTH stimulation is indicated. I do recommend ovariohysterectomy in this patient or medical management could be considered for mucometra. Recheck sonogram is recommended in 1-2 weeks post treatment if the patient is stable or earlier if not stable.

IMAGING PERFORMED BY

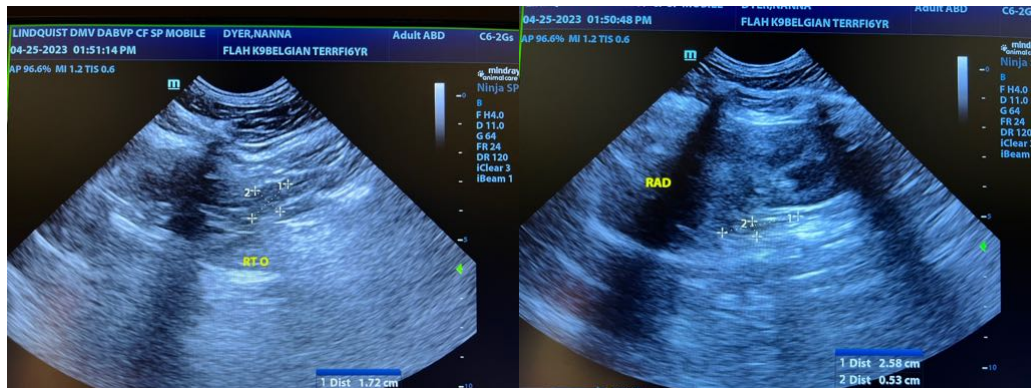
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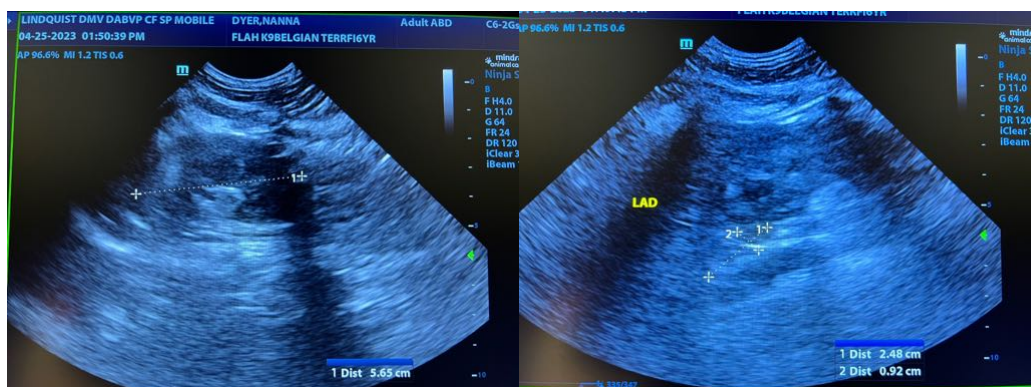
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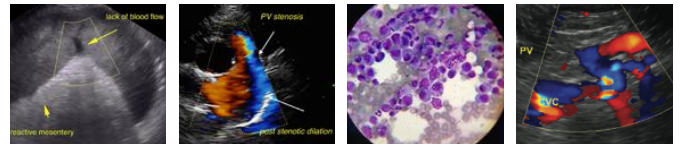
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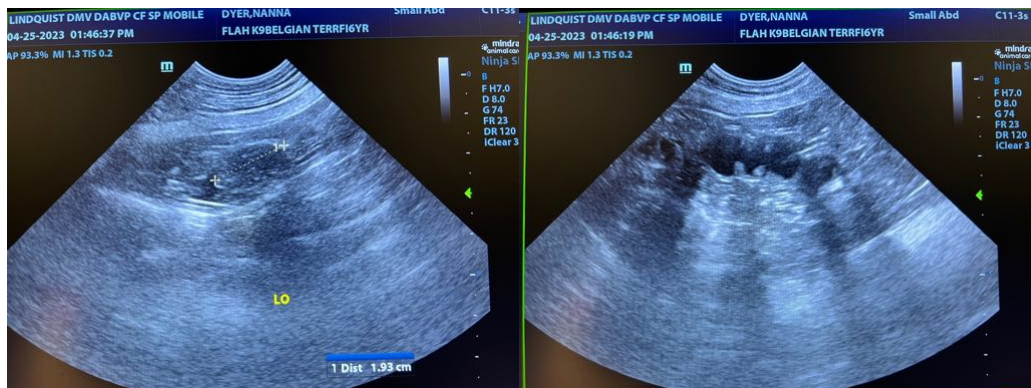
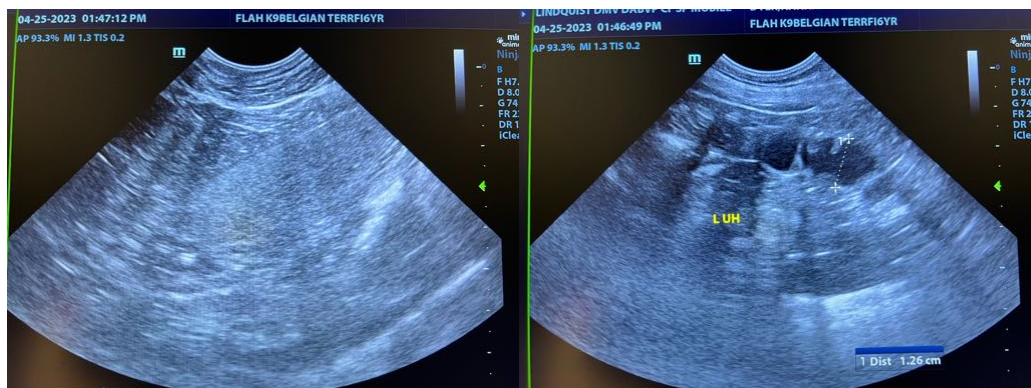
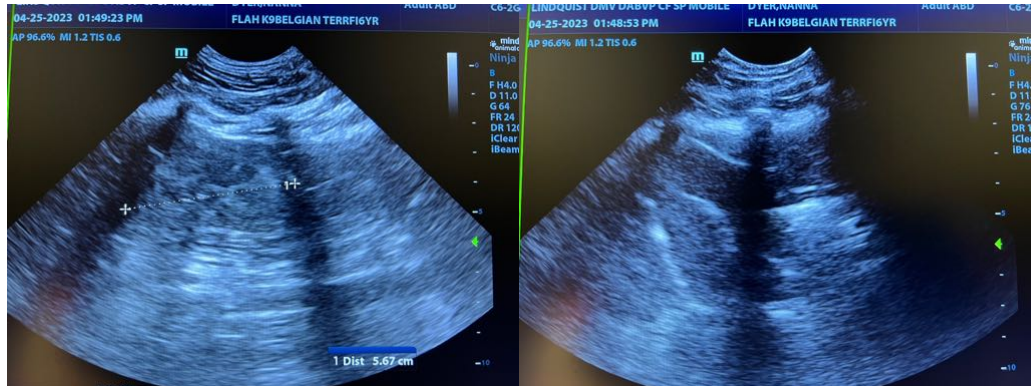
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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, Cert. IVUSS, CEO of SonoPath.com
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