



PATIENT

Zeeva Hruskova

SPECIES

Canine

BREED

Belgian Malinois

SEX

Intact Female

AGE

1.5 Years

WEIGHT

53 Pounds

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Diane McFadden

HOSPITAL NAME

Newton Vet Hospital

REFERRING VET

Dr. Kim

INVOICE

25984

DATE

9/30/21

PRESENTING CLINICAL SIGNS

lethargy, diarrhea for 4 days. vomiting 1-2x. hx of indiscriminate eating habits. Intact F, not planning to breed. On metronidazole

Abnormal PE/Chem/CBC/UA Results: 9/28 WBC 29,300 with neutrophilia 25198, monos 2544. Accuplex neg

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

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 were noted. Ureteral papillae were normal. The pelvic urethra was imaged 2.0 cm beyond the cystourethral junction.

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 6.71 cm. The right kidney measured 6.39 cm.

Adrenal Glands

The **right adrenal gland** was 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 right adrenal gland measured 2.69 cm x 1.14 cm at the cranial pole and 0.68 cm at the caudal pole.

The **left adrenal gland** was slightly irregular in contour and measured 2.68 cm x 0.50 cm at the caudal pole and 0.55 cm at the cranial pole.

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 were noted.

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.

Gastrointestinal

The **stomach** revealed shadowing material and isoechoic material, non-obstructive. The largest structure measured 2.0 cm and appeared sharp. A minor amount of stasis noted. Transit of chyme into the small intestine noted. Reactive mesenteric lymph nodes noted, measuring 2.0 cm x 1.0 cm.



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Pancreas

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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.

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Free Abdomen

The uterus was unremarkable. The left ovary was uniform at 2.17 cm x 1.39 cm. The right ovary measured 1.75 cm x 1.03 cm.

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ULTRASONOGRAPHIC FINDINGS

- Partially obstructive shadowing foreign matter
- Mesenteric lymphadenopathy

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Gastrotomy with GI and lymph node biopsies warranted. Ovariohysterectomy could be considered at the time of surgery.

AGE

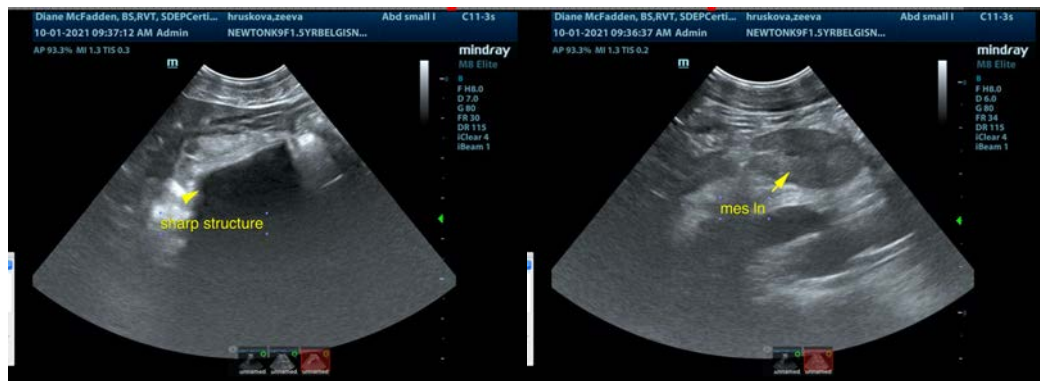
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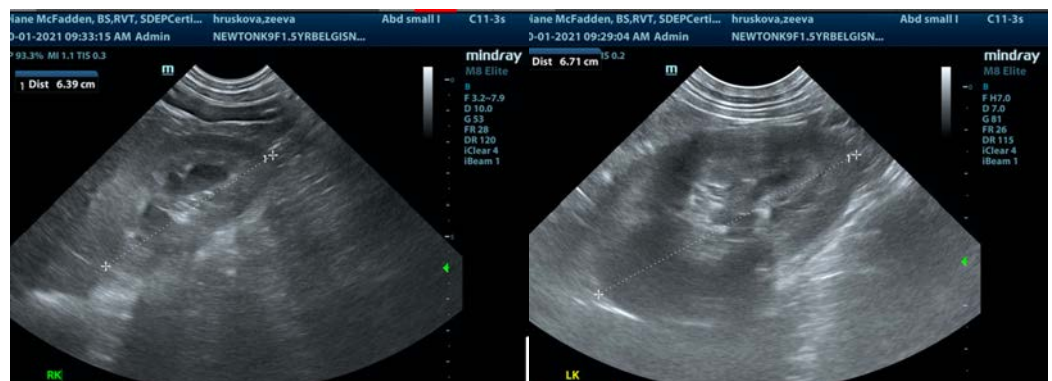
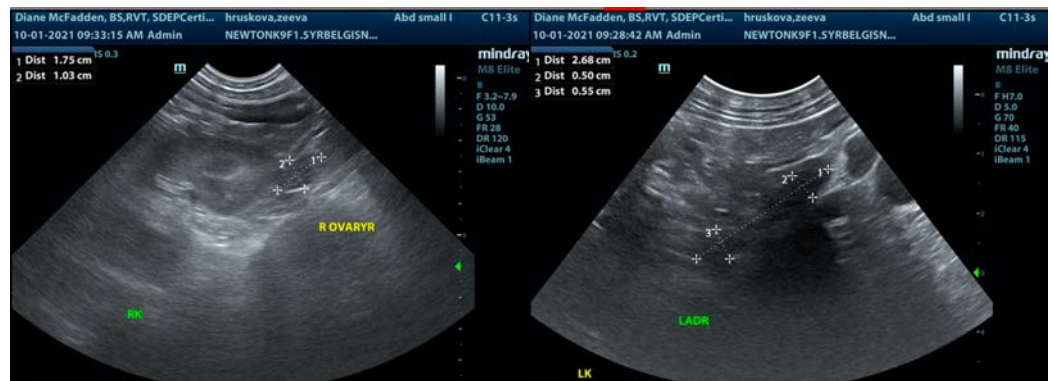
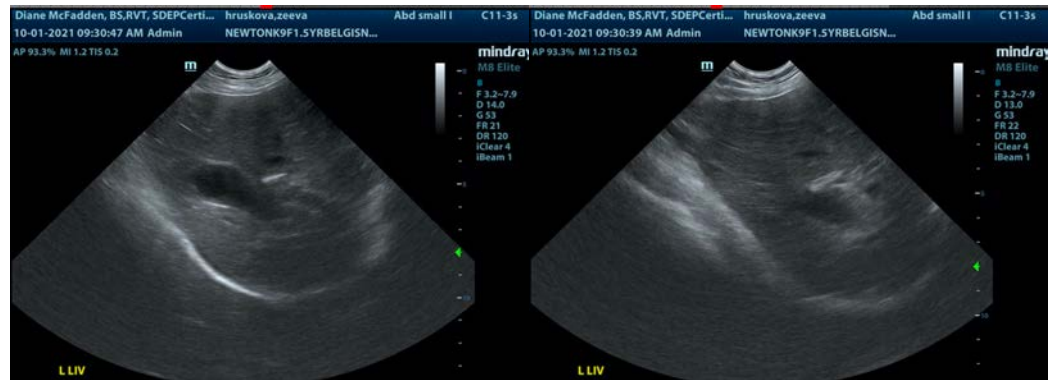
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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.

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

info@SonoPath.com

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