



PATIENT

Bethy Cuneo

SPECIES

Canine

BREED

Rat Terrier Mix

SEX

Spayed Female

AGE

7 Years

WEIGHT

22 Pounds

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Jessica Miller

HOSPITAL NAME

Newton VH

REFERRING VET

Dr. Barron

INVOICE

13495

DATE

10/4/21

PRESENTING CLINICAL SIGNS

History: anemic- r/o IMHA Current meds: dex, atopica, doxycycline, plavix, omeprazole, sucralfate

Abnormal PE/Chem/CBC/UA Results: PCV 16- after transfusion 21

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 largely normal size and structure, corticomedullary definition and ratio (cortex 1/3 of medulla) were essentially maintained with some age-related loss of curvilinear patterns regarding the capsule and C/M junction. The cortices presented largely uniform texture with some increased echogenicity expected for his age patient. Medullary structure differed distinctly from that of the cortex and no evidence of pelvic dilation was present. Slight mineralization was noted in the kidneys. The right kidney measured 5.76 cm. The left kidney measured 5.8 cm.

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 2.11 cm x 0.72 cm at the caudal pole and 0.63 cm at the cranial pole. The right adrenal gland measured 1.83 cm x 0.78 cm at the caudal pole and 0.77 cm at the cranial pole.

Spleen

The **spleen** was uniformly enlarged. No evidence of thrombosis.

Liver

Mild heterogenous **hepatic** changes present. Hepatic veins appeared slightly dilated yet this may be owing to mild over-circulation from fluid therapy. The gallbladder and common bile duct were unremarkable.

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

Pancreas

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.

ULTRASONOGRAPHIC FINDINGS



PATIENT

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- Mild splenic enlargement, likely reactive or hyperplastic state
- Mild heterogenous hepatic changes
- Age-related renal changes
- Spleen uniformly enlarged
- Unremarkable abdomen otherwise

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

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25-gauge FNA of the spleen could be considered to ensure underlying neoplastic event is not present, however, given the patient history, IMHA is likely. CBC path review warranted. No evidence of current thrombosis.

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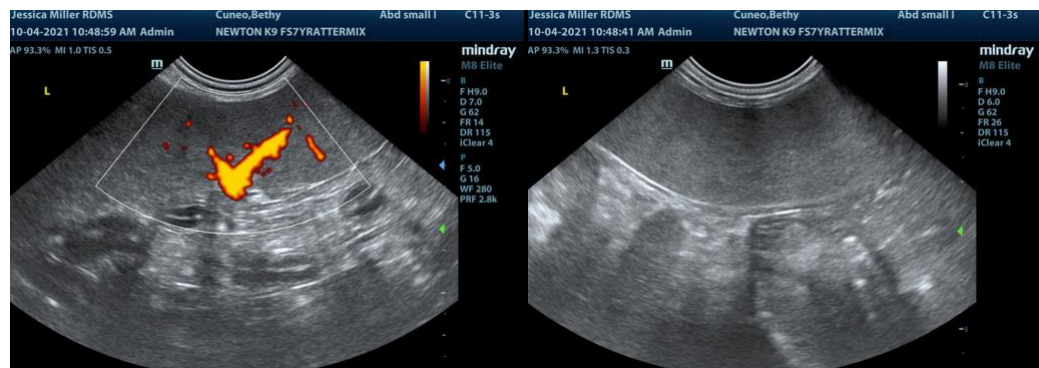
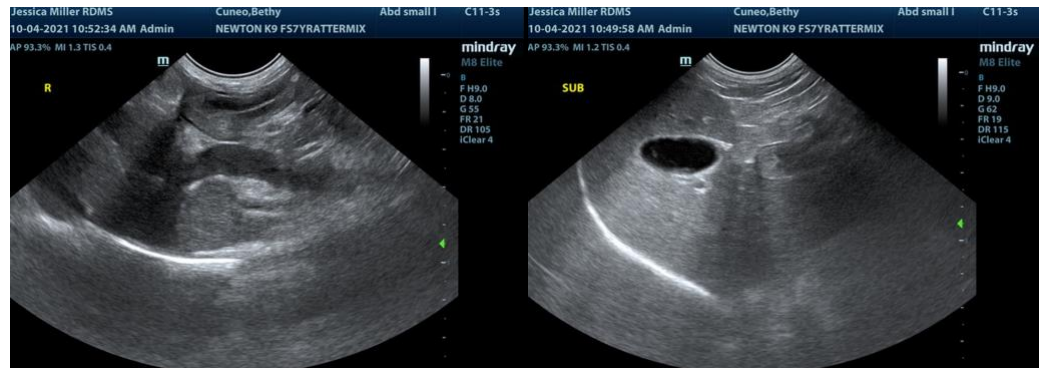
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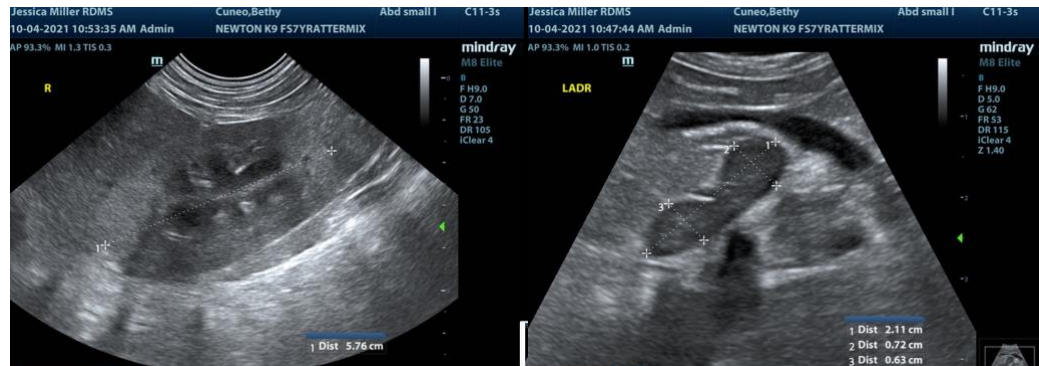
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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
info@SonoPath.com