



PATIENT PRESENTING CLINICAL SIGNS

Lincoln Ryan
 History: Littermate dx w/ cong renal dysplasia. Bld elevated Phos + SDMA. Dog is normal, looking for signs of renal dysplasia. Neuter scheduled for 12/29/21.
 BUN/Crea - normal SDMA 16.2, Phos 6.8, Calcium 11.5

SPECIES

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

BREED

Mix

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

Male

The testicles were imaged and found to be uniform. There was no evidence of pathology. The prostate was uniform and measured 2.5 cm. There was no evidence of pathology.

AGE

6 months

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 7.4 cm. The right kidney measured 7.53 cm.

WEIGHT

50 lbs

Adrenal Glands

INTERPRETED BY

Eric Lindquist, DMV
 DABVP, Cert. IVUSS

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 right adrenal gland measured 1.97 x 0.81 cm at the cranial pole and 0.61 cm at the caudal pole. The left adrenal gland measured 1.79 x 0.48 cm at the caudal pole and 0.35 cm at the cranial pole.

IMAGING PERFORMED BY

Jessica Miller, RDMS

Spleen

HOSPITAL NAME

Animal Hospital of
 Roxbury

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.

REFERRING VET

Dr. Hickenbottom

Liver

INVOICE

94639

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.

DATE

12/15/21



PATIENT

Gastrointestinal

Lincoln Ryan

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.

SPECIES

Canine

BREED

Mix

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.

SEX

Male

ULTRASONOGRAPHIC FINDINGS

Structurally unremarkable abdomen.

AGE

6 months

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

WEIGHT

50 lbs

There is no evidence of visceral disease or primary dysplasia with the kidneys or any other organ. False positive SMDA elevation is possible or systemic insult. Urinalysis is warranted if any inflammatory sediment present then culture is indicated. However, structurally the kidneys appear unremarkable.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

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HOSPITAL NAME

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REFERRING VET

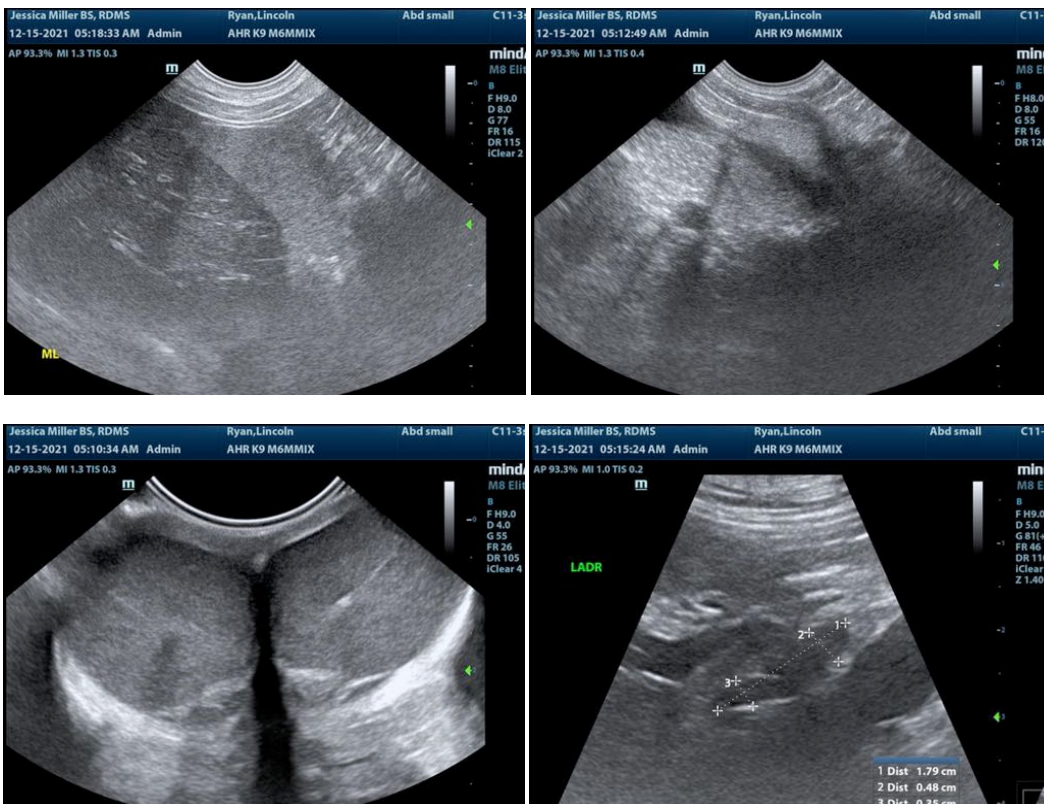
Dr. Hickenbottom

INVOICE

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DATE

12/15/21





PATIENT

Lincoln Ryan

SPECIES

Canine

BREED

Mix

SEX

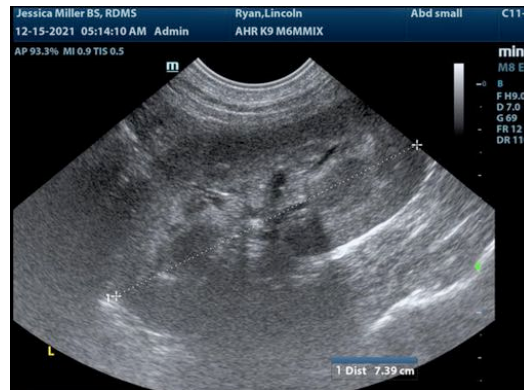
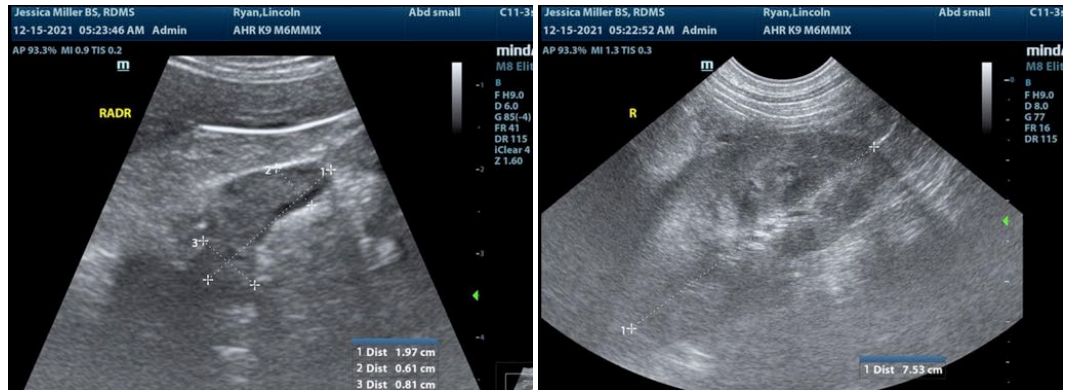
Male

AGE

6 months

WEIGHT

50 lbs



INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

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.

IMAGING PERFORMED BY

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

Jessica Miller, RDMS

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