



PATIENT

Emma Madera

PRESENTING CLINICAL SIGNS

Started 7/2020 with elevated urine PH, frequent UTIs, PUPD over the last month, normal bloodwork, urine dilute. On Cranmate, dasuquin, solliquin
Abnormal PE/Chem/CBC/UA Results: Urine SG 1.007

SPECIES

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

BREED

Pitbull Mix

Urinary System

The **urinary bladder** revealed a minor amount of urine present with minor micropolypoid changes. Anechoic urine was noted.

SEX

Spayed Female

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 right kidney measured 6.0 cm. The left kidney measured 7.24 cm.

AGE

9 years

WEIGHT

58 lbs

Adrenal Glands

The left **adrenal gland** was enlarged and mildly irregular measuring 1.0 cm at maximum width. The right of the right adrenal grandly was unremarkable. Localized tissue was noted at the cranial pole of the left kidney. This is suspected to be an adrenal tumor.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

Spleen

The **spleen** was largely smooth with subtle heterogeneous parenchymal changes while maintaining normal echogenic relationship to the liver and kidney. These changes are consistent with normal age-related alteration. The capsule was smooth without noticeable impingement from within the spleen or from pathology in the adjacent abdomen. The splenic vasculature demonstrated normal volume without signs of congestion or significant contraction. No evidence of active acute or chronic inflammatory, neoplastic, or infarctual changes was noted.

IMAGING PERFORMED BY

Jessica Green

HOSPITAL NAME

Stanglein VC

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.

REFERRING VET

Laura Green

INVOICE

96162

DATE

2/21/22



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Gastrointestinal

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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

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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

Spayed Female

ULTRASONOGRAPHIC FINDINGS

Irregular left adrenal gland with ill-defined tissue irregularity to the cranial pole of the left adrenal gland.

AGE

9 years

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

WEIGHT

58 lbs

Given the size of this patient sedation may be necessary for further definition or CT with contrast. Clinically work-up for Cushing's adrenal depending is indicated as well as blood pressure measurements. There is a strong potential for adrenal carcinoma.

INTERPRETED BY

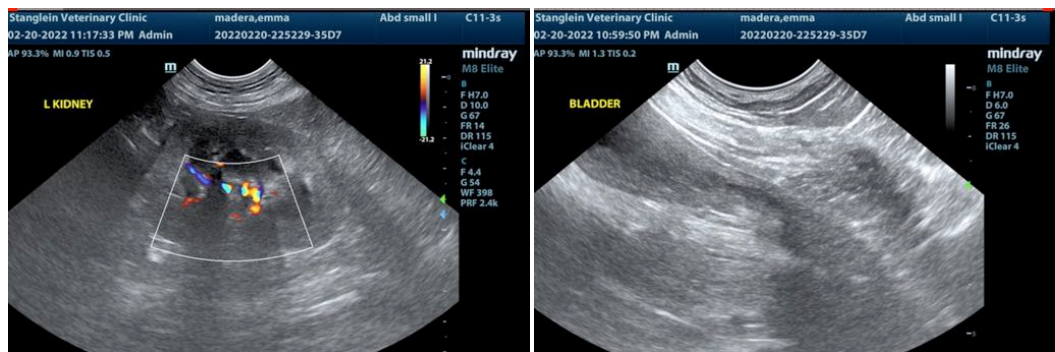
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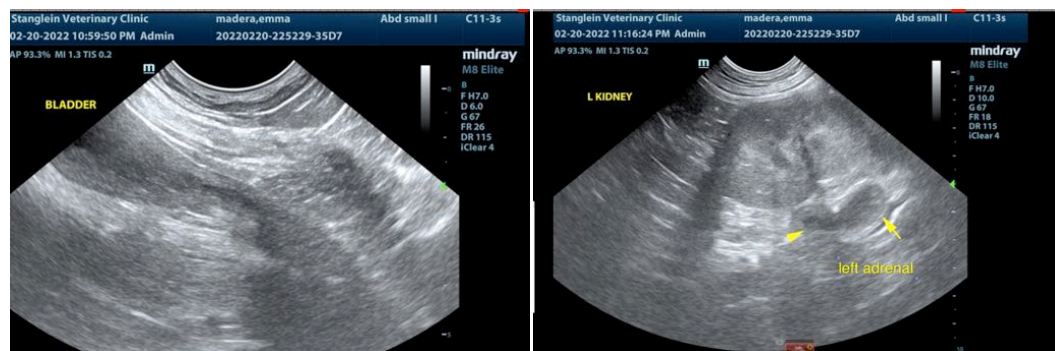
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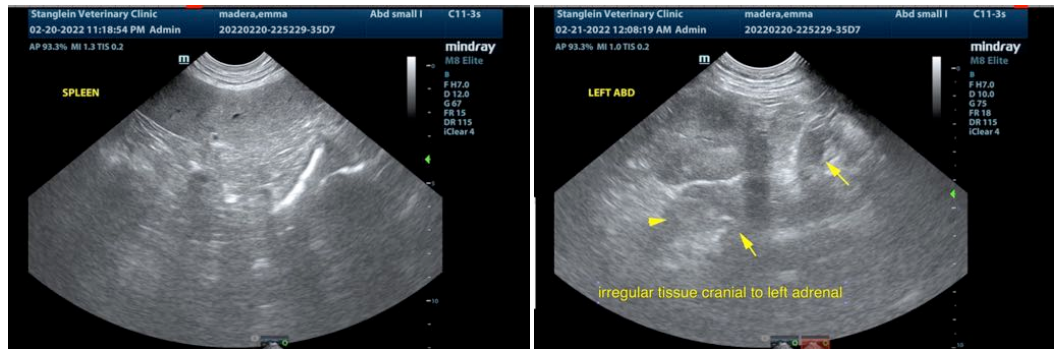
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SEX

Spayed Female

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.

AGE

9 years

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.

WEIGHT

58 lbs

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