



PATIENT

Cali Buschegger

PRESENTING CLINICAL SIGNS

increased liver values, Sodium Potassium ratio concern for Addisons, hypothyroidism
Abnormal PE/Chem/CBC/UA Results: ALT 567 ALP 1,489

SPECIES

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

BREED

Mix

The **urinary bladder** revealed a mild amount of sand accumulation, non-obstructive at the time of the sonogram, a grouping of which measured approximately 2.0 cm.

SEX

Spayed Female

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. The right kidney measured 8.27 cm. The left kidney measured 7.2 cm.

AGE

9 Years

Adrenal Glands

The **left adrenal gland** was enlarged, heterogeneous and swollen, measuring 3.22 cm x 1.25 cm at the caudal pole and 1.27 cm at the cranial pole. The **right adrenal gland** was not visualized.

WEIGHT

88 Pounds

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 were noted.

INTERPRETED BY

Eric Lindquist, DMV

DABVP, Cert. IVUSS

Liver

IMAGING PERFORMED BY

Jenn

The **liver** was swollen, coarse in architecture, and heterogeneous with localized free fluid between the liver lobes. Minor excessive gallbladder debris noted, yet not likely a clinical issue at this point.

Gastrointestinal

HOSPITAL NAME

Rockaway AH

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.

REFERRING VET

Dr. Ascot

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.

INVOICE

35945

ULTRASONOGRAPHIC FINDINGS

- Swollen, irregular liver with minor gallbladder debris and slight free fluid
- Enlarged left adrenal gland

DATE

2/28/22



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INVOICE

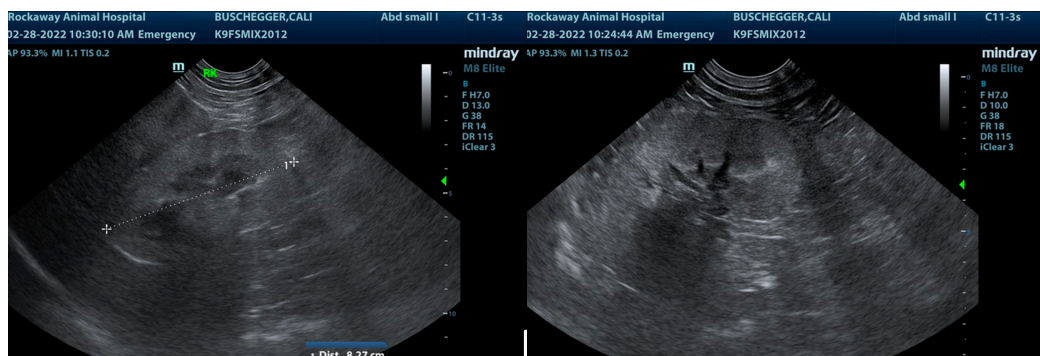
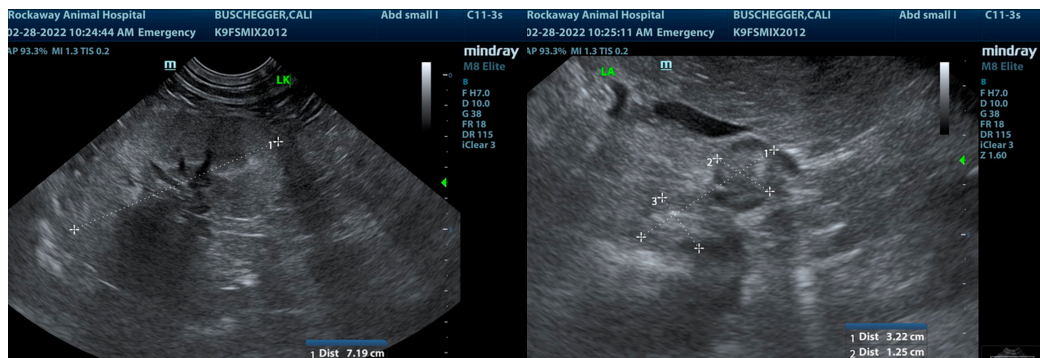
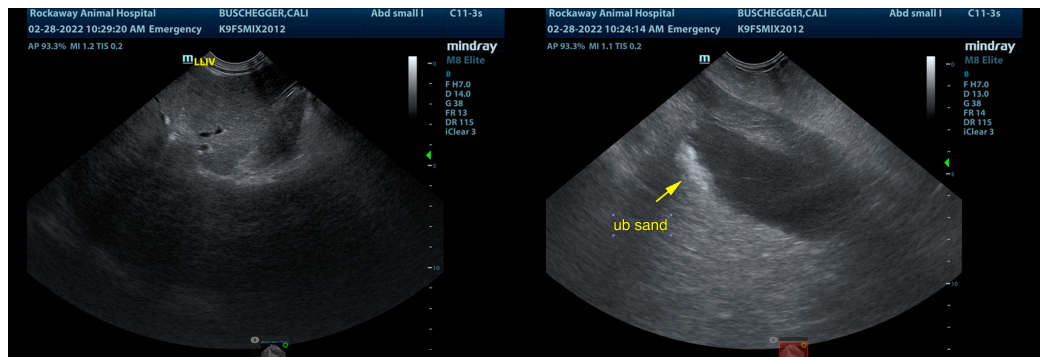
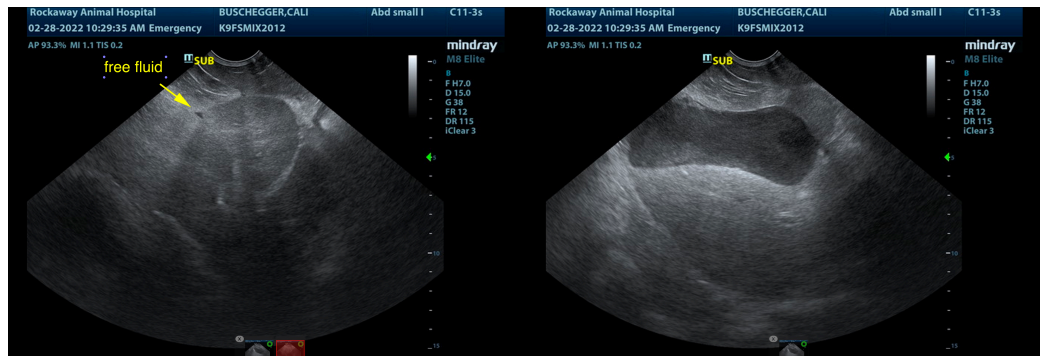
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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Sedation and ultrasound guided FNA of the liver indicated. Right adrenal can be visualized at that time, once the patient is not tense. Adrenal workup warranted, especially if hypertension is present and/or isosthenuria is present.





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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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