



PATIENT

Hazel Dettra

SPECIES

Canine

BREED

Cocker Spaniel

SEX

Spayed female

AGE

7 years

WEIGHT

35 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUS

**IMAGING
PERFORMED BY**

Dr. Striano Kaplan

HOSPITAL NAME

Ramsey VH

REFERRING VET

Dr. Striano Kaplan

INVOICE

32414

DATE

8/18/22

PRESENTING CLINICAL SIGNS

History: Polyuria, decreased appetite, elevated creatinine, hepatomegaly. Liver aspirates pending. Mast cell tumor removal today left axilla.

Abnormal PE/Chem/CBC/UA Results: Coag: PT - 16, PTT - 103 Creatinine: 2H, Sodium: 141L, Chloride: 100L, Total Protein: 8.1H, Globulin: 4.5H, Cholesterol: 410H T4: 0.5L, Free T4: <0.3L

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 was noted. Ureteral papillae were normal.

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 4.91 cm. The right kidney measured 5.7 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 0.5 cm. The right adrenal gland measured 0.6 cm at the cranial pole and 0.4 cm at the caudal 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 was noted.

Liver

The **liver** revealed a uniform, vacuolar hepatopathy pattern with occasional hyperechoic lipogranuloma. The gallbladder was mildly over distended with suspended and dependent debris. Striating bile was noted. This is consistent with emerging mucocele. No adjunctive inflammation was noted.



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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.

Free Abdomen

The iliac trifurcation was unremarkable.

ULTRASONOGRAPHIC FINDINGS

Benign abdomen with vacuolar hepatopathy pattern and emerging mucocele.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Ursodiol therapy over a 6 week period is warranted. There was no structural evidence of disease related to mast cell.



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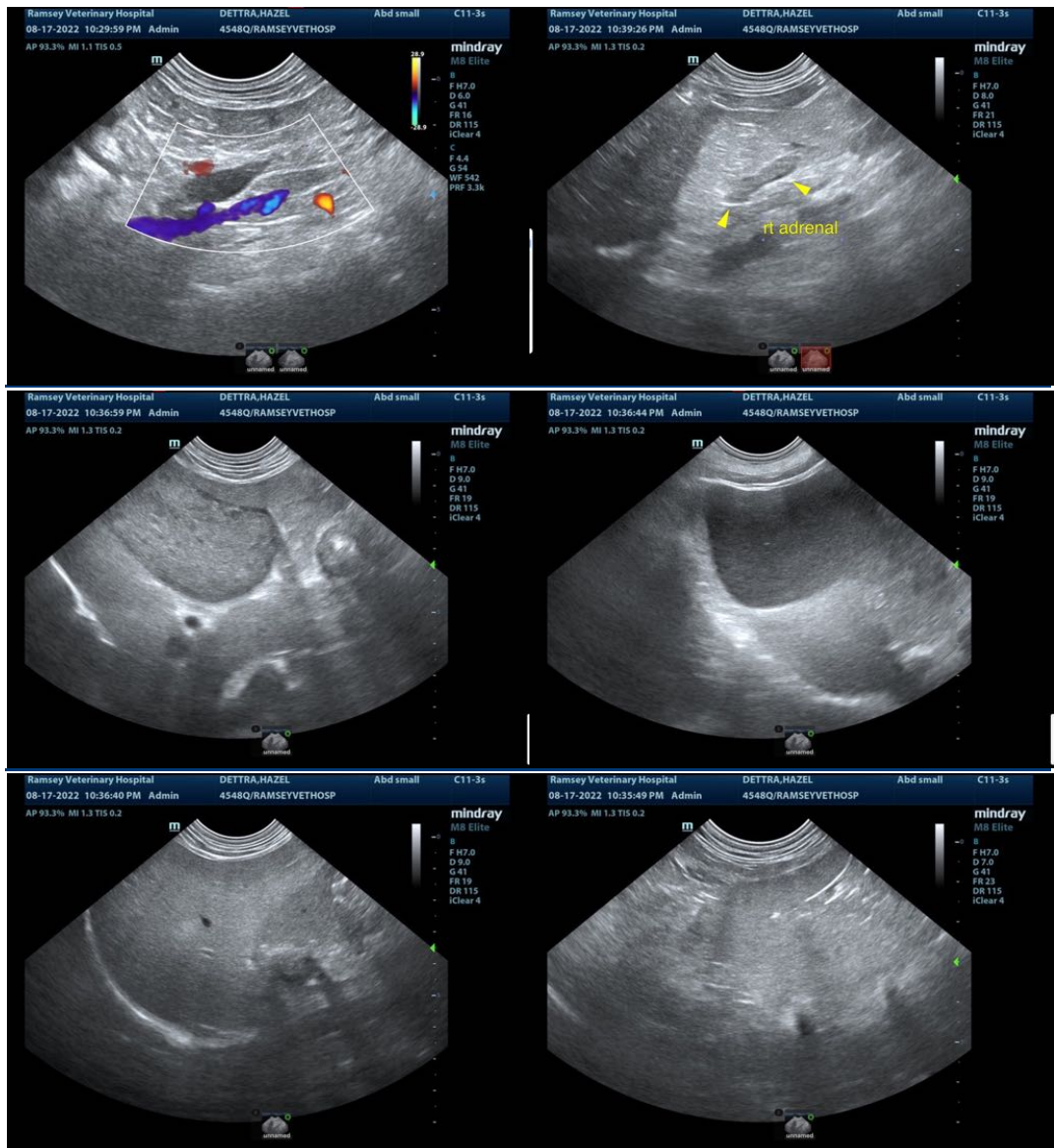
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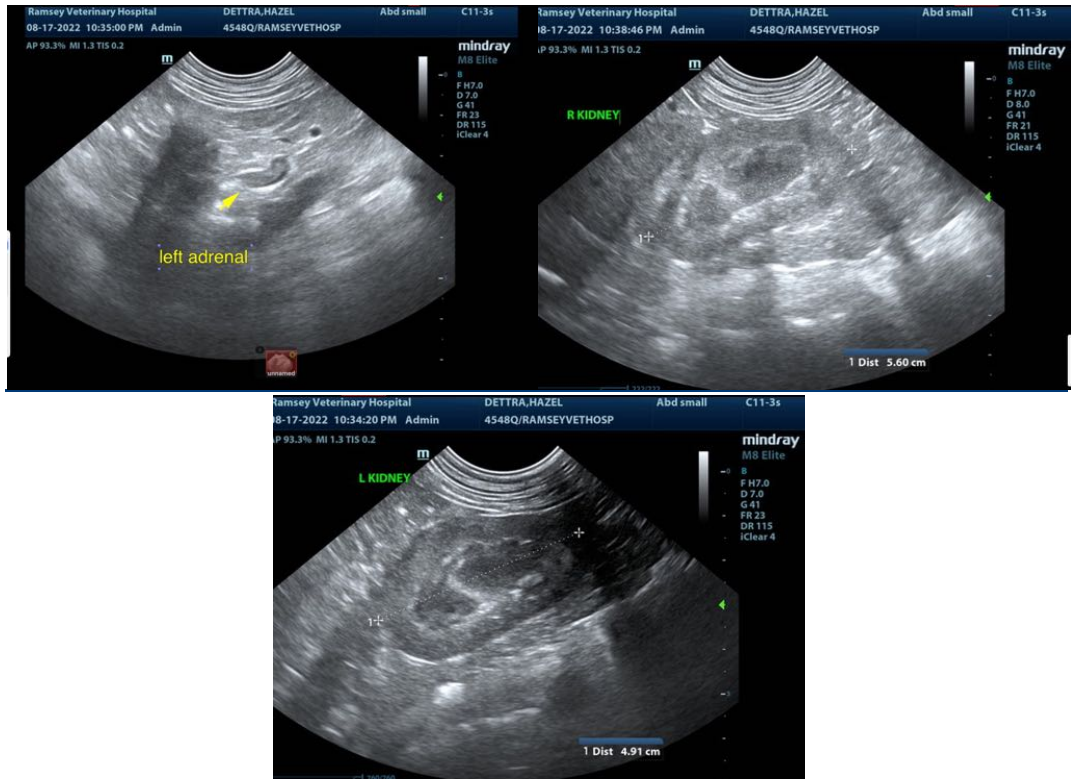
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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