



PATIENT

Dromi Ben Haym

PRESENTING CLINICAL SIGNS

History: vomiting diarrhea fever not responding to symptomatic treatment
Abnormal PE/Chem/CBC/UA Results: there were not blood test done at the moment of the US

SPECIES

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

BREED

Beagle

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

Spayed female

The **right kidney** 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 capsule was acceptably uniform without significant irregularities. The right kidney measured 6.88 cm. The caudal pole of the left kidney was hypoechoic and revealed a nodule or mass that measured 4.14 x 1.6 cm. This is suggestive for metastatic disease.

AGE

13 years

WEIGHT

25 lbs

Adrenal Glands

The left **adrenal gland** was 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 1.93 x 0.73 cm. The right adrenal gland was not visualized.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Beoleil

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.

HOSPITAL NAME

Field

REFERRING VET

Dr. Beoleil

Liver

The **liver** in this patient revealed a left-sided mass that measured 11 cm and there is a separate right-sided, hyperechoic mass that measured 7.17 cm. Heterogenous parenchymal changes were noted elsewhere. The gallbladder presented acceptably thin walls with primarily anechoic content. The cystic and common bile ducts were normal.

INVOICE

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Gastrointestinal

DATE

7/19/22

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



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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

Pancreas

The **pancreas** was nebulous as the resolution was poor.

BREED

Beagle

ULTRASONOGRAPHIC FINDINGS

Multi-focal hepatic pathology. Masses on the left and right liver with ill-defined margins.

SEX

Spayed female

Some level of pancreatitis is possible, yet this cannot be completely ascertained.

AGE

13 years

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

This does not appear to be a surgical case. FNA of the liver is warranted for further definition.

WEIGHT

25 lbs

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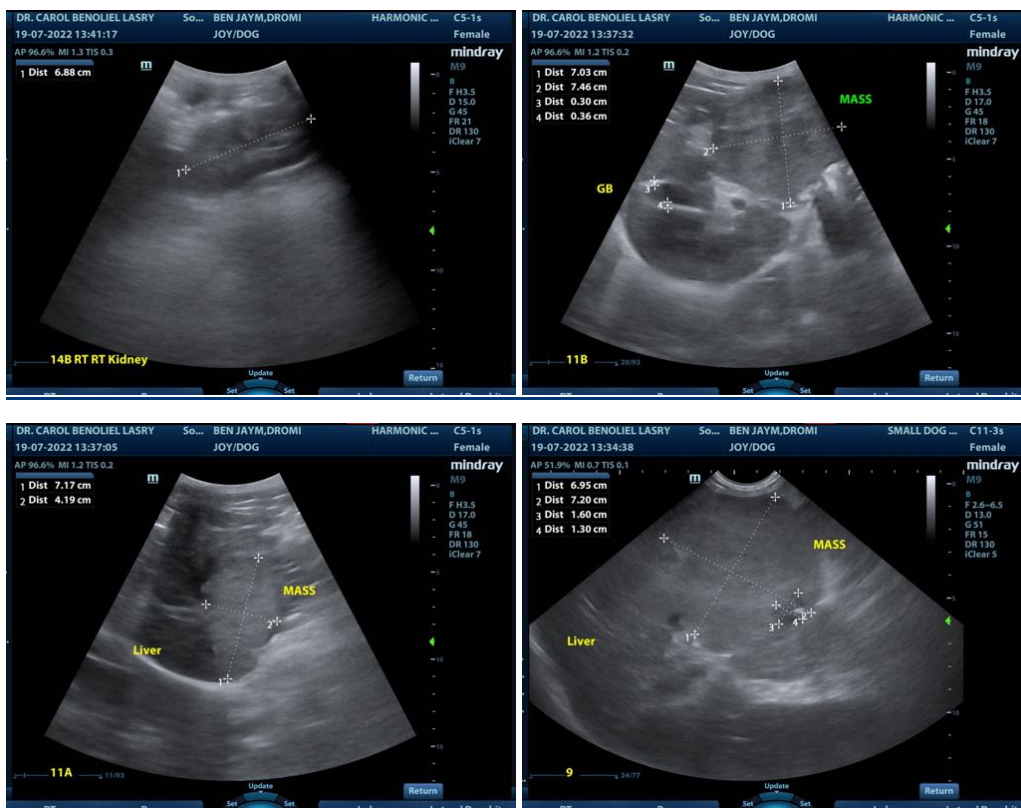
Dr. Beoliel

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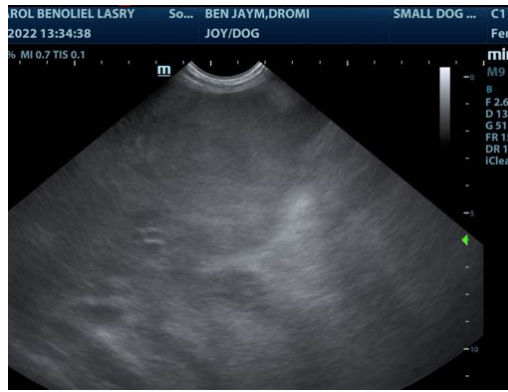
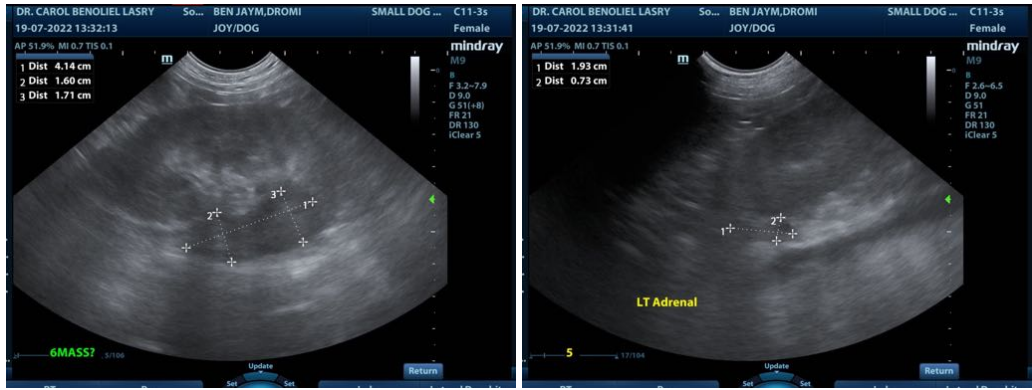
Spayed female

AGE

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WEIGHT

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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.

IMAGING PERFORMED BY

Dr. Benoleil

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.

HOSPITAL NAME

Field

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REFERRING VET

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