



PATIENT

Maggie Kelly

SPECIES

Canine

BREED

Beagle

SEX

Spayed female

AGE

7 years

WEIGHT

22 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Adrienne Waffle

HOSPITAL NAME

Torch Lake VC

REFERRING VET

Dr. Fuller

INVOICE

42254

DATE

11/1/22

PRESENTING CLINICAL SIGNS

History: Referral from Gaylord Veterinary . Referring vet noticed shadow on thoracic rads.
Abnormal PE/Chem/CBC/UA Results: Eating less, vomiting. Slight murmur

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The **urinary bladder** revealed a minimal amount of urine. The bladder itself and proximal urethra appeared unremarkable.

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 3.0 cm. The right kidney measured 4.0 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.

Spleen

A mixed, hypoechoic, expansive **splenic** mass was noted with enhanced surrounding mesentery. The mass measured 8.0 cm and is parenchymal without cavitation. Significant reactive mesentery was noted around the mass with regional omental nodular changes. This is consistent with seeding.

Liver

The **liver** was riddled with multiple, hypoechoic target lesions with disrupted architecture. The gallbladder was unremarkable. Enhanced mesentery was noted along with free fluid.

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.



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Pancreas

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The splenic mass and coalescing omentum obscured the **pancreas** and appeared to be enveloped within the pathology.

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Thorax

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Beagle

Pleural effusion was noted in the chest. This is consistent with metastatic disease. The right auricle and pericardium was unremarkable. No pericardial effusion or cardiac pathology was present.

SEX

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Diffuse, aggressive abdominal neoplasia.

Pleural effusion.

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Multi-centric sarcoma is likely.

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Humane euthanasia should be considered in this patient given the extent of the pathology.

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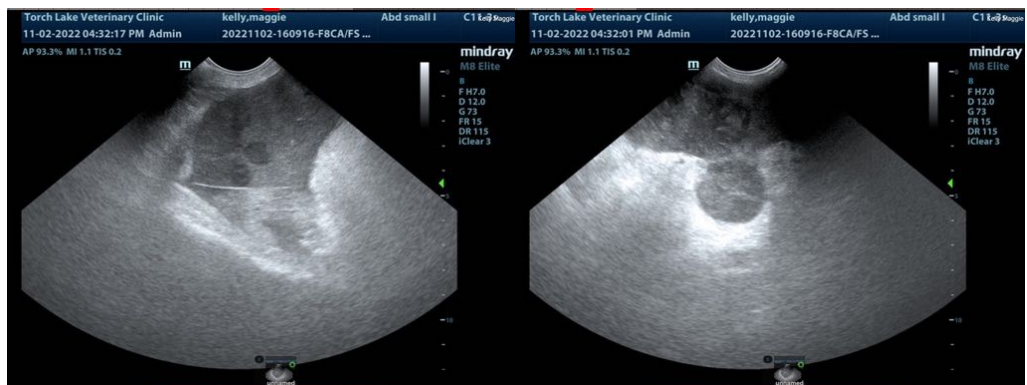
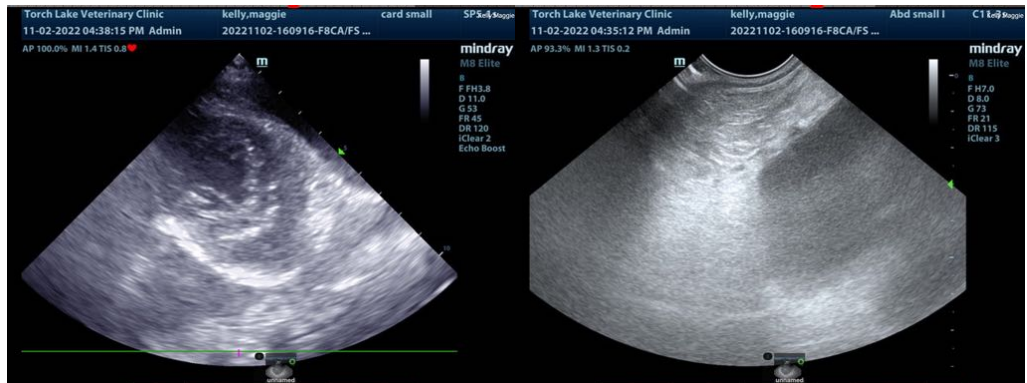
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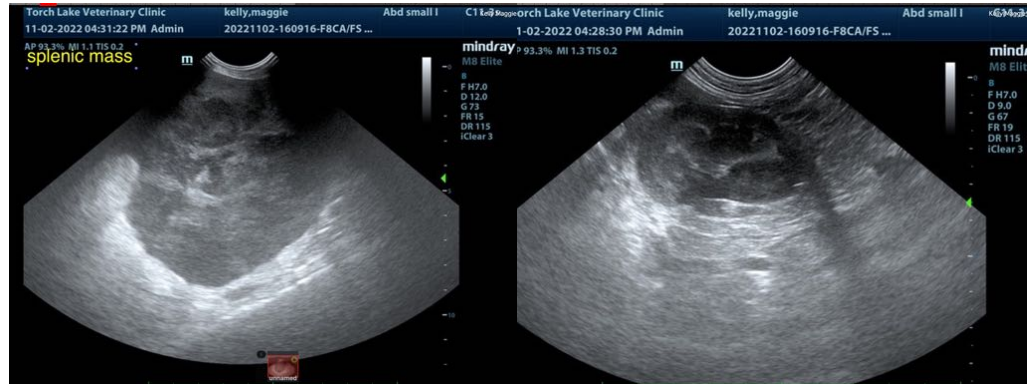
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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