



PATIENT

Lucy Fogarty

SPECIES

Canine

BREED

Cocker Spaniel Mix

SEX

Spayed female

AGE

12 years

WEIGHT

45.6 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Whitesell

HOSPITAL NAME

Dickson AC

REFERRING VET

Dr. Whitesell

INVOICE

42513

DATE

1/4/23

PRESENTING CLINICAL SIGNS

History: Mass palpated mid abdomen
Abnormal PE/Chem/CBC/UA Results: bloodwork wnl, x-ray concern for abdominal mass with spleen/liver and enlarged sublumbar ln

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 6.0 cm. The right kidney measured 6.0 cm.

Adrenal Glands

The right **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 right adrenal gland measured 0.87 cm at the cranial pole and 0.5 cm at the caudal pole. The region of the left adrenal gland was imaged with no evidence of pathology.

Spleen

The **spleen** was enlarged in this patient and folded upon itself. Mild, heterogenous parenchymal changes were noted with generalized swelling and scalloping contour. Hypoechoogenicity was noted with hypoechoic, nodular changes.

Liver

The **liver** was swollen with scalloping contour and increased portal markings. The gallbladder and common bile duct were unremarkable. The hepatic lymph nodes are enlarged.

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. The mesenteric lymph nodes were enlarged.



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Pancreas

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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.

SPECIES

Canine

ULTRASONOGRAPHIC FINDINGS

BREED

Infiltrative splenic and hepatic pattern with multi-focal lymphadenopathy.

Cocker Spaniel Mix

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

SEX

FNA of the spleen, liver and accessible lymph nodes are recommended to confirm the suspicion of lymphoma or similar round cell neoplasia. Chest radiographs are warranted to assess for comorbidity.

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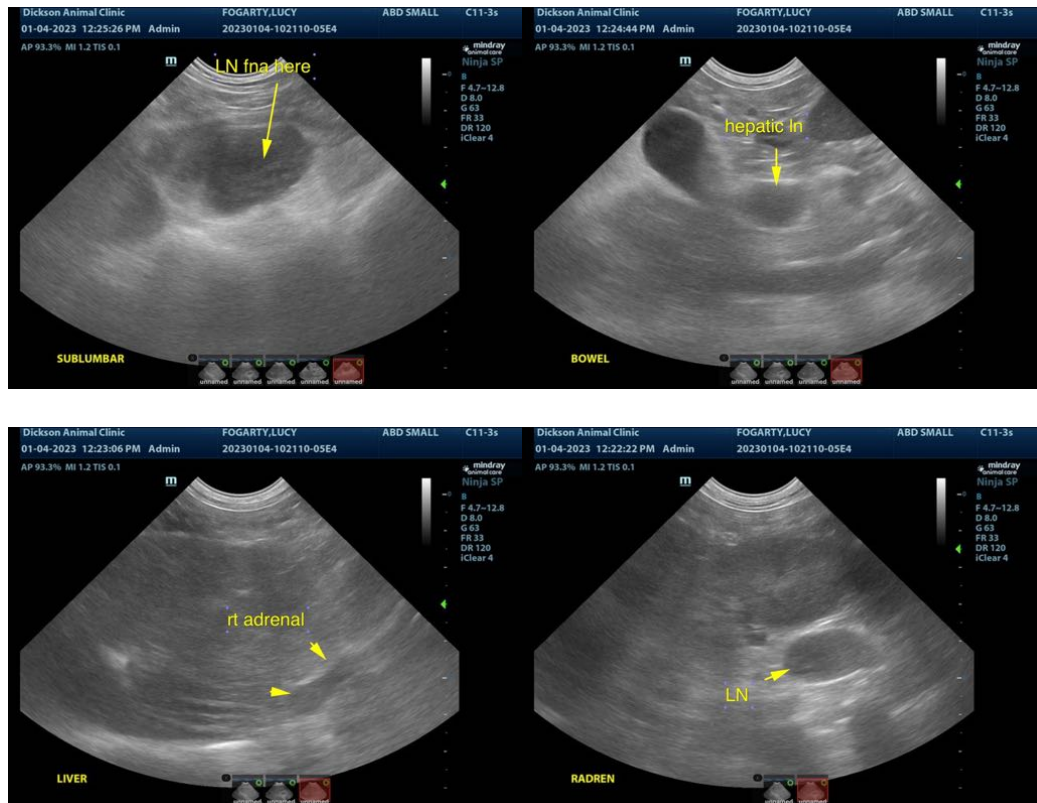
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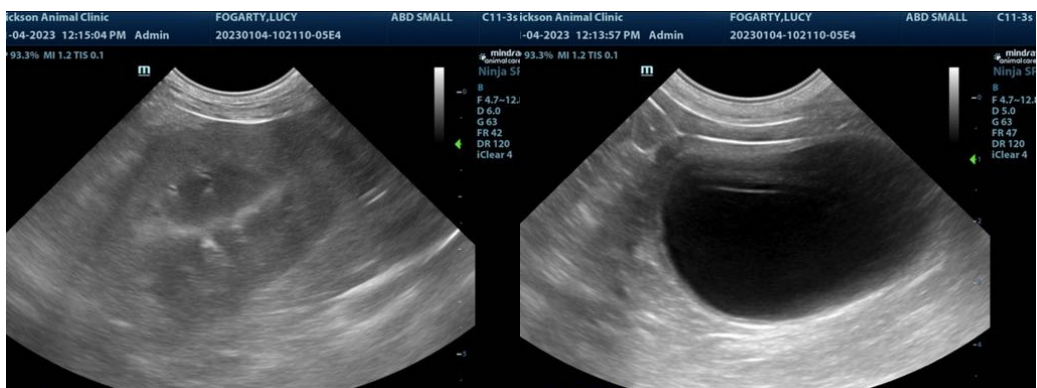
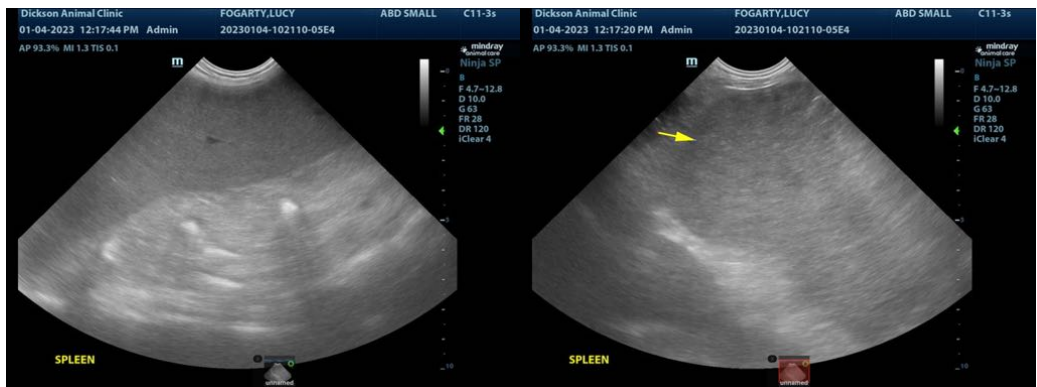
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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