



PATIENT

Wendy O'Donnell

PRESENTING CLINICAL SIGNS

History: lack of appetite, previous liver issues

SPECIES

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

BREED

Beagle Mix

The **urinary bladder**, trigone, and pelvic urethra presented normal thicknesses and normal tone. The pelvic urethra was imaged 2.0 cm beyond the cystourethral junction and appeared normal. 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 **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. Slight cortical infarct was noted at the caudal pole of the left kidney and measured 5.22 cm. The right kidney measured 6.19 cm.

AGE

8 years

WEIGHT

43 lbs

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 1.64 x 0.51 cm at the cranial pole and 0.38 cm at the caudal pole. The right adrenal gland measured 1.89 x 0.8 cm at the cranial pole and 0.4 cm at the caudal pole.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Valeryia Shumskaya

Spleen

The **spleen** revealed a coalescing reticular pattern with honeycomb type appearance with capsular swelling and irregular contour. This is strongly suggestive for infiltrative disease. Enhanced mesentery was noted around the spleen.

HOSPITAL NAME

Rockaway AH

Liver

The **liver** revealed coarse architecture with an echogenic gallbladder wall. Mildly increased portal markings were noted as well as generalized swelling.

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Dr. Maniar

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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. The mesenteric root revealed hypochoic nodes that were rounded and measured up to 1.5 cm.

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Pancreas

Wendy O'Donnell

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

Free Abdomen

BREED

Beagle Mix

Iliac lymph node was enlarged and measured 2.0 x 1.5 cm with pericapsular inflammatory pattern.

SEX

Spayed female

Heart

Rapid view of the heart revealed no evidence of pathology.

AGE

8 years

ULTRASONOGRAPHIC FINDINGS

Infiltrative splenic pattern with iliac lymphadenopathy, potential hepatic involvement.

WEIGHT

43 lbs

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Ultrasound-guided FNA of the iliac lymph nodes, spleen and liver is recommended in this patient. There is a strong concern for round cell neoplasia/lymphoma. Chest radiographs and examination of the cranial mediastinum is recommended.

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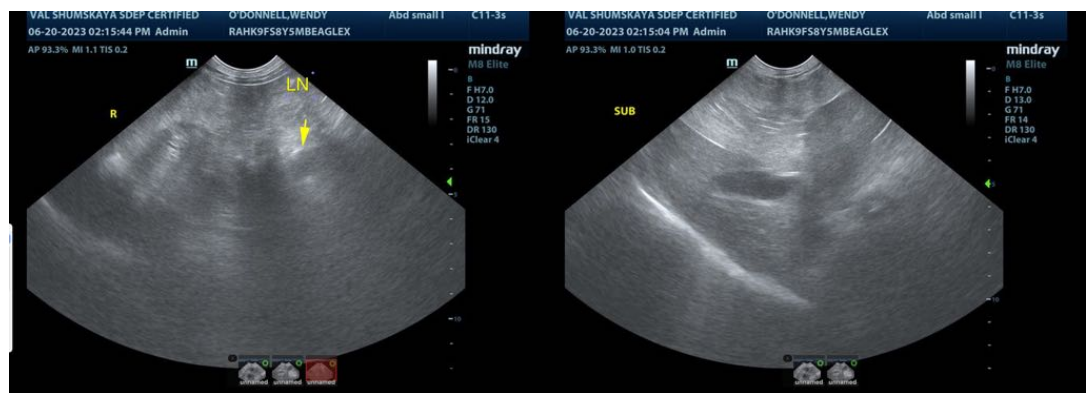
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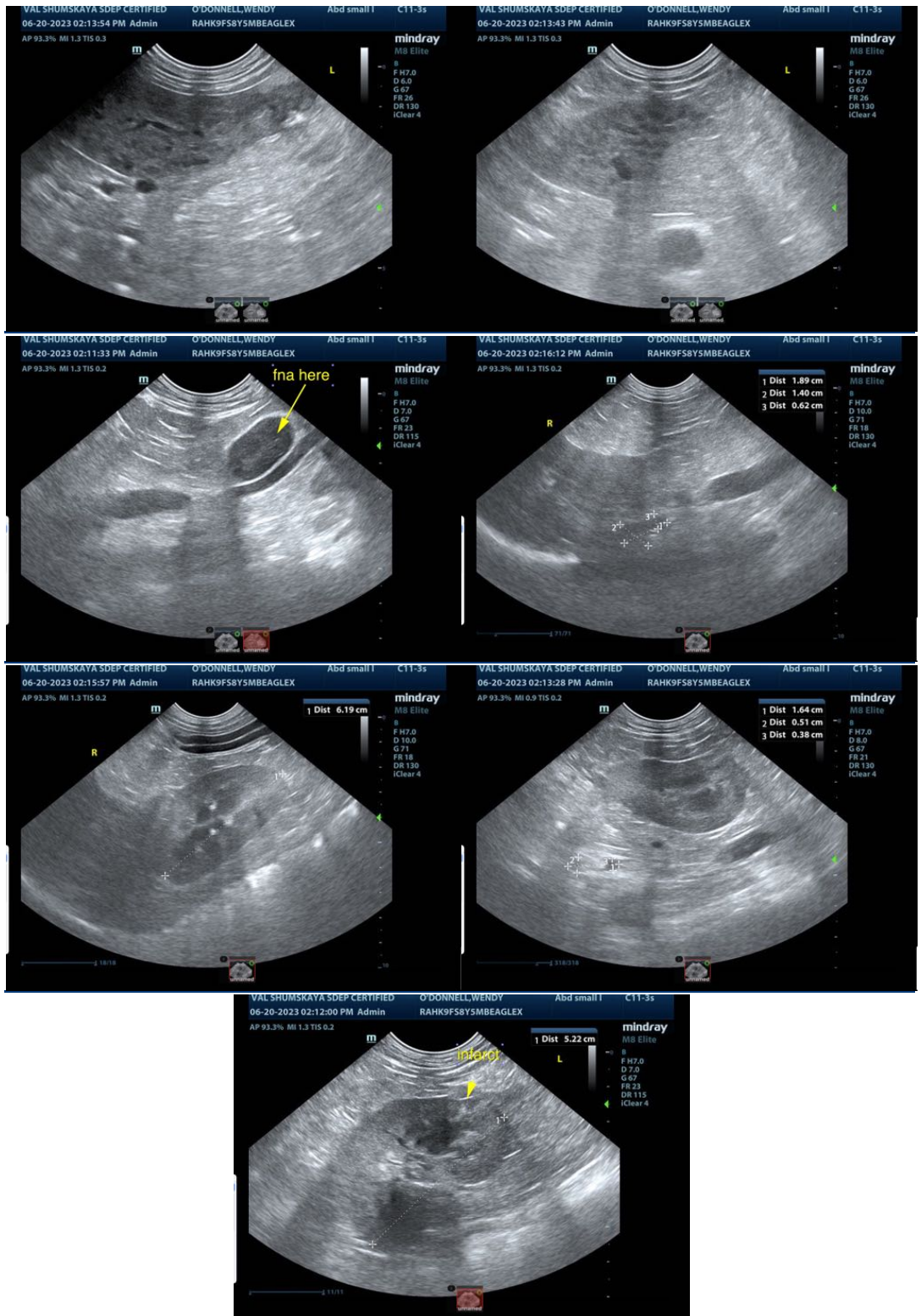
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.



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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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info@SonoPath.com

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SEX

Spayed female

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