

PATIENT

Zak Bell

SPECIES

Canine

BREED

Jack Russell Terrier

SEX

Neutered male

AGE

12 years

WEIGHT

15.4 kg

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Alejandro Vargas
Lumbreras

HOSPITAL NAME

Central Island
Veterinary Emergency
Hospital

REFERRING VET

Dr. Bell

INVOICE

94139

DATE

11/26/21

PRESENTING CLINICAL SIGNS

History: Scan for cancer?

Abnormal PE/Chem/CBC/UA Results: ALKP elevation on b/w this morning: 327 U/L (23-212), all other WNL

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

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. 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 5.0 cm.

Adrenal Glands

The right **adrenal gland** was slightly enlarged, yet uniform and measured 1.3 cm at the cranial pole and 0.8 cm at the caudal pole. The left adrenal gland was not visualized.

Spleen

The **spleen** revealed multi-focal, hyperechoic lipogranulomatous type changes. Otherwise, the parenchyma was uniform.

Liver

The **liver** revealed slight coarse architecture with minor heterogenous parenchymal changes. A left-sided anechoic cyst was noted and measured 4.0 x 2.0 cm. The gallbladder was unremarkable.

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 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.

BREED

Jack Russell Terrier

ULTRASONOGRAPHIC FINDINGS

Lipogranulomatous type changes in the spleen.

Subjectively benign hepatopathy. Hepatic cyst.

SEX

Neutered male

Otherwise, age related abdominal changes.

AGE

12 years

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

No specific disease process is noted. FNA of the liver can be considered for further definition. However, these changes are expected for the age and the breed. No structural evidence of neoplasia.

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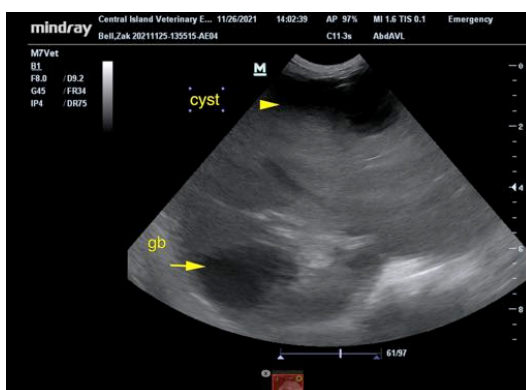
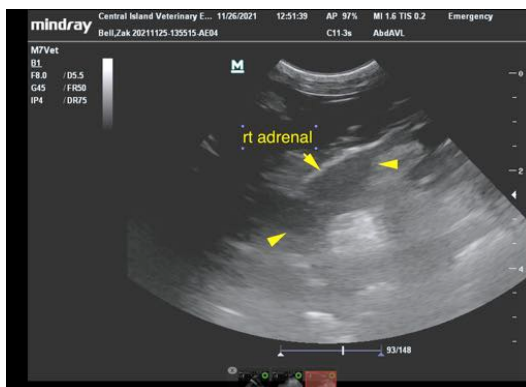
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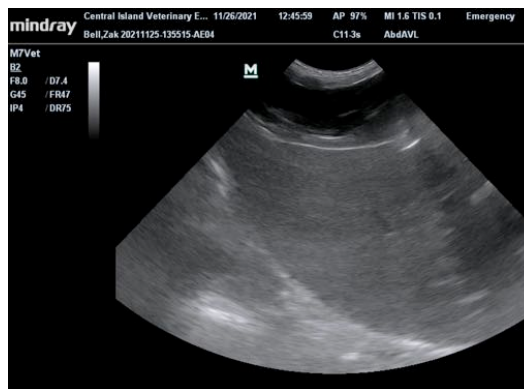
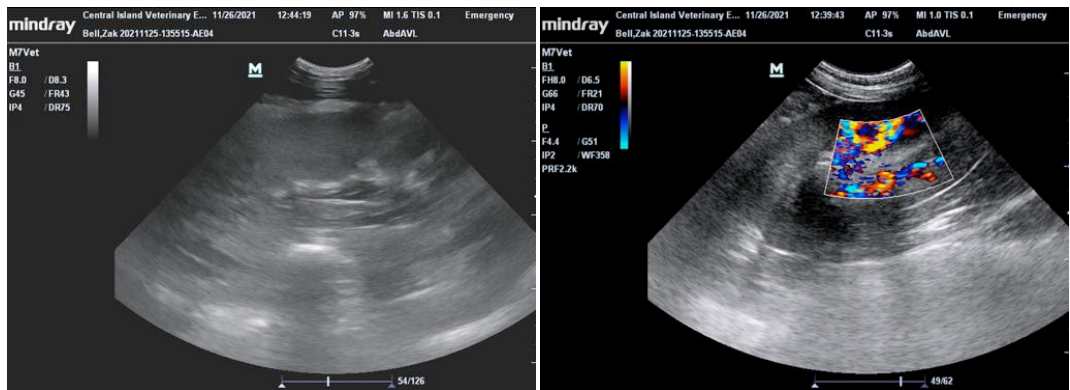
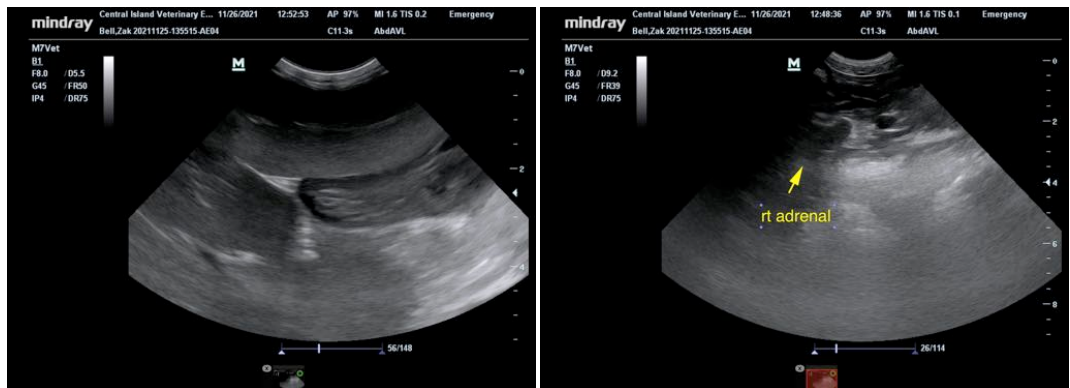
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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
info@SonoPath.com