



PATIENT PRESENTING CLINICAL SIGNS

MJ Martin S/O: Patient is BAR, panting, tracheal pinch positive response but o describes this as very normal, dilated pupils and officially blind, obese, painful cranial abdomen, large concerning abnormality in the cranial abdomen, 5% dehydrated, clear lungs and normal heart, normal MS

SPECIES

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

BREED

Urinary System

Jack Russell Terrier

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 were noted. Ureteral papillae were normal. The pelvic urethra was imaged 1.0 cm beyond the cystourethral junction.

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. The right kidney measured 4.61 cm. The left kidney measured 4.74 cm.

AGE

9 Years

WEIGHT

15 Pounds

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 2.04 cm x 0.55 cm at the cranial pole and 0.51 cm at the caudal pole. The right adrenal gland measured 1.4 cm at the cranial pole and 0.56 cm at the caudal pole.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

Spleen

The **spleen** revealed a hypoechoic expansive, mildly complex nodule measuring 1.7 cm x 1.07 cm at the cranial pole. The remainder of the spleen was uniform, no evident pathology.

IMAGING PERFORMED BY

Jenna Walsh, CVT

Liver

HOSPITAL NAME

Wilvet South

The **liver** images submitted revealed subjectively normal liver size, contour, and structure. Parenchymal echogenicity was naturally coarse and hypoechoic to the spleen. Vascular and biliary tracts were of normal volume with no evidence of congestion. The gallbladder presented acceptably thin walls with primarily anechoic content. The cystic and common bile ducts were normal. No pathological hepatic lymphadenopathy was evident. No overt structural evidence of inflammatory, infiltrative or regenerative pathology was evident.

REFERRING VET

Dr. Lewer

Gastrointestinal

INVOICE

44222

There was some residual chyme and gas was noted in the **stomach**, yet not pathological. This is consistent with end post prandial presentation. Transit of chyme into the small intestine was normal. Curvilinear patterns were maintained throughout the GI tract. No evidence of pathology. 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.

DATE

1/13/23



PATIENT *Pancreas*

MJ Martin 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

Rapid view of the heart revealed no evident pathology in the right auricle or pericardium.

BREED

Jack Russell Terrier

ULTRASONOGRAPHIC FINDINGS

SEX

- Concerning splenic nodule – Differentials include emerging hemangiosarcoma, abscessation, nodular hyperplasia, complex cyst.
- Age related renal changes
- Partially full stomach

Spayed Female

AGE

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

9 Years

FNA of the splenic nodule or monitoring over the next week recommended. If growth is occurring, then splenectomy would be indicated, or proactive splenectomy could be justified. Chest radiographs warranted.

WEIGHT

15 Pounds

INTERPRETED BY

Eric Lindquist, DMV

DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Jenna Walsh, CVT

HOSPITAL NAME

Wilvet South

REFERRING VET

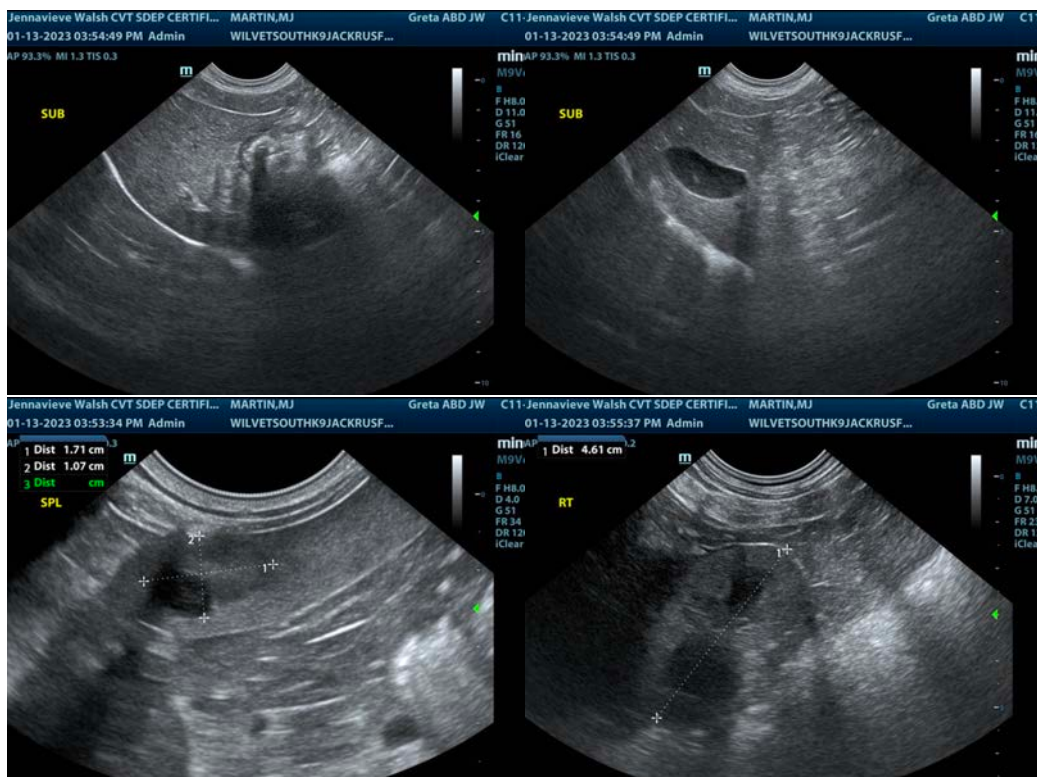
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PATIENT

MJ Martin

SPECIES

Canine

BREED

Jack Russell Terrier

SEX

Spayed Female

AGE

9 Years

WEIGHT

15 Pounds

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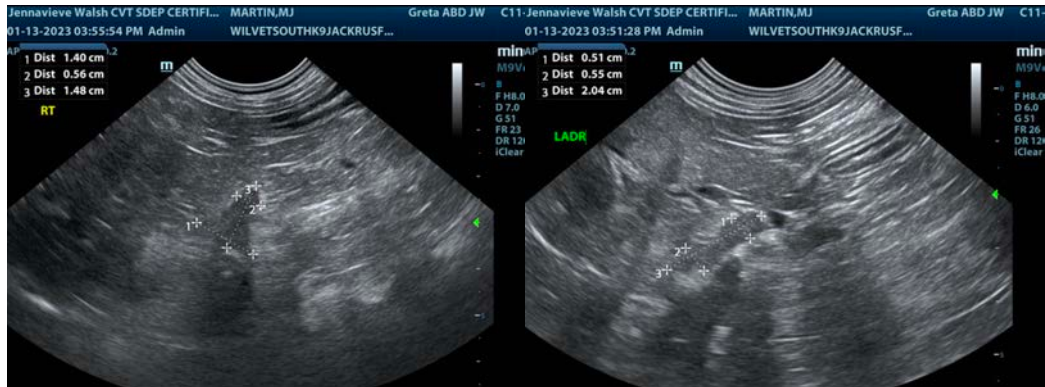
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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