



PATIENT PRESENTING CLINICAL SIGNS

Jack Hartig Suspected cushings disease, elevated ALT, ALP, and CA.

SPECIES ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Canine Urinary System

The **urinary bladder** presented a chronic cystitis pattern with approximately 1.5 cm sand. Suspended debris also noted with polypoid apical dorsal and ventral changes, appeared to all be localized in the apex. However, slight cystourethral junction polyp noted measuring approximately 1.0 cm x 0.50 cm.

BREED

Lab X

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 6.5 cm. The left kidney measured 6.81 cm.

SEX

Neutered Male

AGE

13 Years

Adrenal Glands

The **adrenal glands** were visualized obliquely and appear to be subjectively normal.

WEIGHT

65 Pounds

Spleen

The **spleen** was enlarged with a hyperechoic, moderately complex attenuating mass measuring approximately 8.0 cm, deriving from the caudal pole. Heterogeneous changes noted elsewhere in the spleen.

INTERPRETED BY

Eric Lindquist, DMV

DABVP, Cert. IVUSS

Liver

The **liver** was hyperechoic with vacuolar hepatopathy pattern and occasional hypoechoic nodule, unlikely to be metastatic, most consistent with nodular hyperplasia. The gallbladder presented minor polypoid changes and dependent debris.

IMAGING PERFORMED BY

Jill Rumachik

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.

HOSPITAL NAME

Clarity Imaging LLC

Pancreas

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.

REFERRING VET

Dr. Liz Jacka

Other

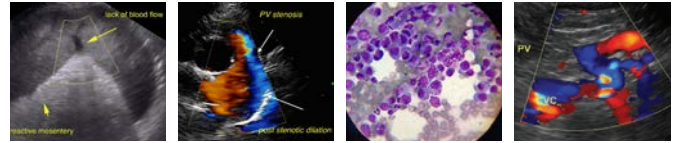
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Rapid view of the heart revealed no evident pathology. However, it appears that thoracic mass is present measuring approximately 8.0 cm x 10 cm.

DATE

8/5/22



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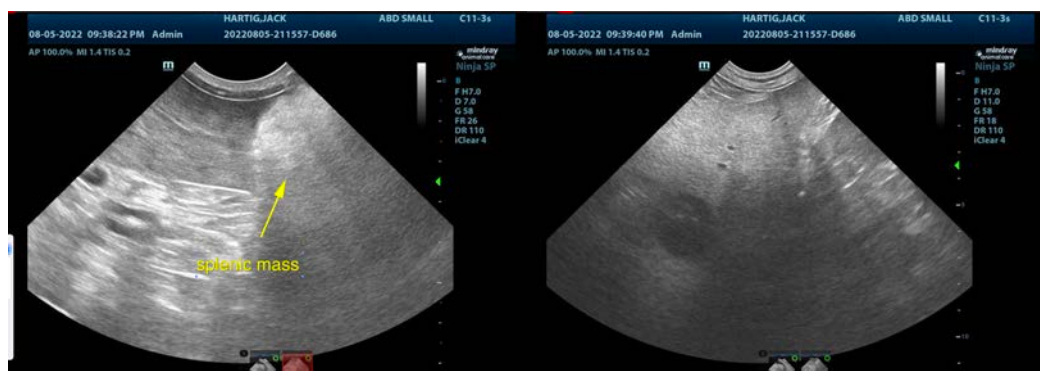
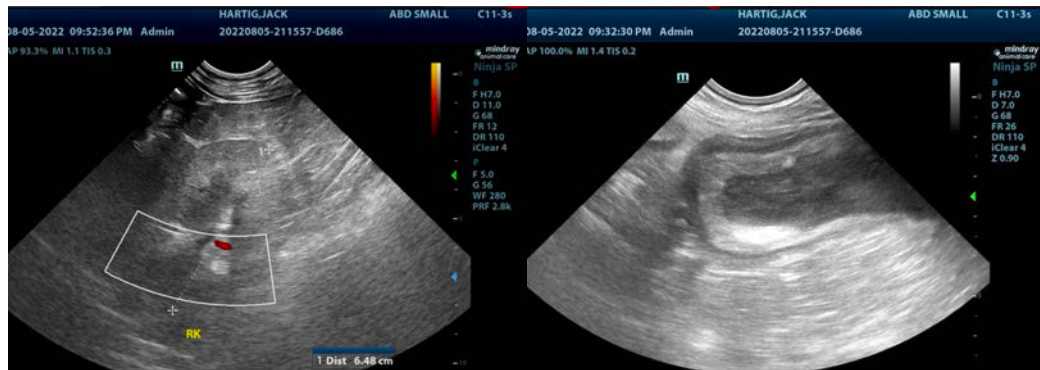
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ULTRASONOGRAPHIC FINDINGS

- Bladder polyps – Most appear resectable, however a cystourethral junction polyp is an issue.
- Enlarged, irregular spleen with hyperechoic mass
- Subjectively benign hepatopathy – lipidosis/nodular hyperplasia pattern.
- Thoracic mass

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Cystoscopy would be ideal to assess for transitional cell carcinoma. FNA of the spleen and liver indicated and assessment for evidence of UTI. Chest radiographs and FNA of the thoracic mass indicated. Guarded prognosis.





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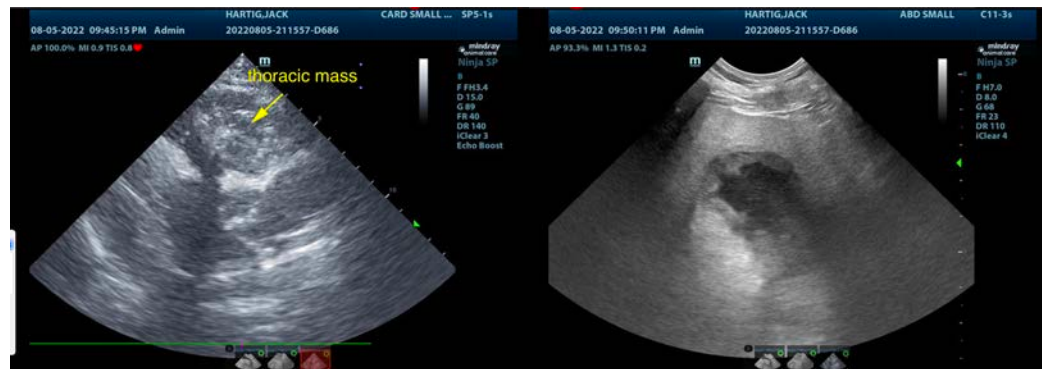
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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

info@SonoPath.com