



PATIENT

Max Tonani

SPECIES

Feline

BREED

DSH

SEX

Neutered Male

AGE

6 Years 5 Months

WEIGHT

12.9 Pounds

INTERPRETED BY

Eric Lindquist, DMV,
DABVP (CFM), Cert.
IVUSS

IMAGING PERFORMED BY

Dr. Ken Leal

HOSPITAL NAME

Barton Heights VH

REFERRING VET

Dr. Natalia Candelaria

INVOICE

36178

DATE

3/10/26

PRESENTING CLINICAL SIGNS

- Elevated liver values
- Swollen Lymph nodes
- Medications: clindamycin 75 mg
- Abnormal PE/Chem/CBC/UA Results: ALT = 669 AlkPhos = 351 GGT = 8 UA = nil

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 were noted. Ureteral papillae were normal. The pelvic urethra was imaged 3.0 cm beyond the cystourethral junction.

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 right kidney measured 4.58 cm. The left kidney measured 3.8 cm.

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 right adrenal gland measured 0.53 cm. The left adrenal gland measured 0.36 cm.

Spleen

The **spleen** revealed slight scalloping contour with hypoechoic irregular parenchyma. Cranial folding of the spleen was noted.

Liver

The **liver** revealed multifocal hypoechoic nodular changes and overt masses, measuring 2.12 cm. Slight free fluid was noted between the liver and diaphragm. Multiple hepatic lymph nodes were enlarged. The gallbladder and common bile duct were 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.

Pancreas

An undifferentiated mass was noted in the region of the right **pancreatic** base and portal hilus, measuring approximately 3.0 cm – 3.5 cm.



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Free Abdomen

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Regional mesenteric **lymphadenopathy** was noted.

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ULTRASONOGRAPHIC FINDINGS

- Diffuse hepatic neoplasia with regional lymphadenopathy, probable pancreatic origin
- Scalloping contour to the spleen with hypoechoic irregular parenchyma

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

FNA of the various masses in the liver are recommended for further definition.

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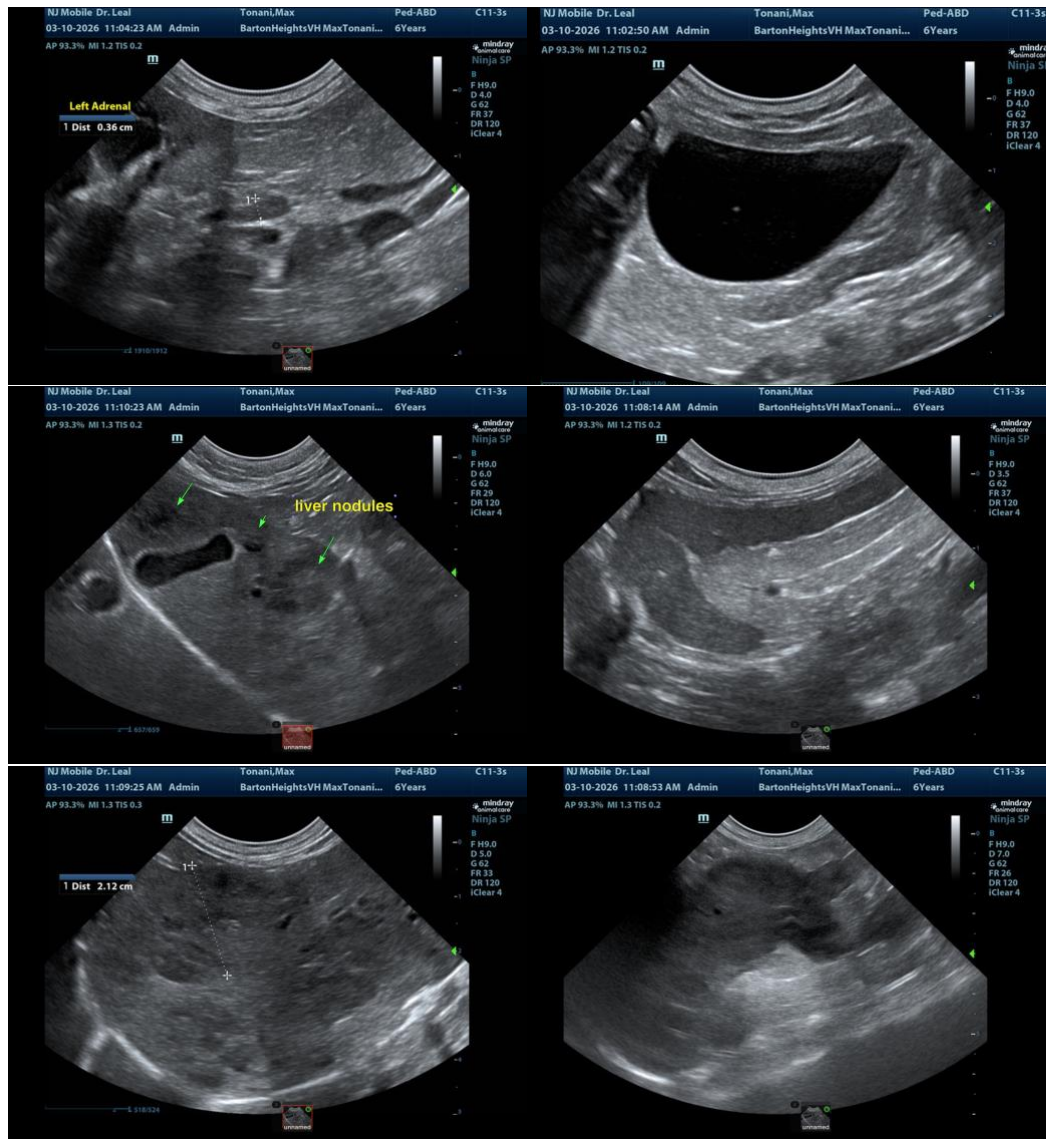
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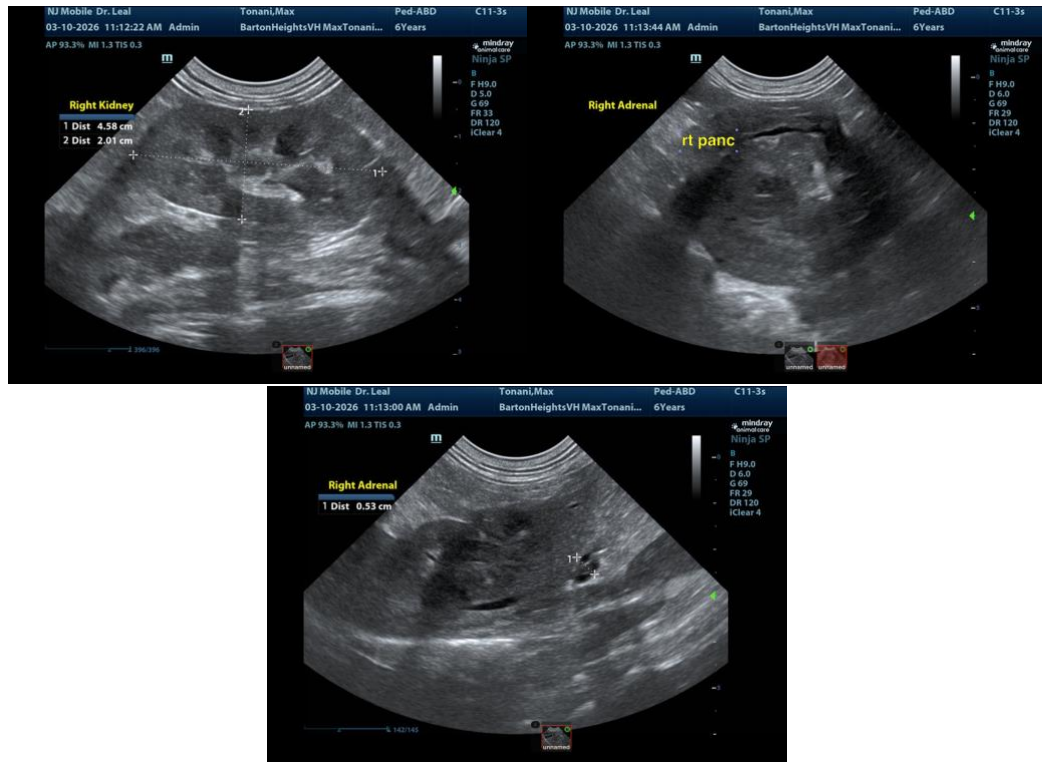
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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(CFM), Cert. IVUSS,
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