



PATIENT

Vincenzo Borowski

SPECIES

Feline

BREED

Domestic Shorthair

SEX

Neutered male

AGE

15 years

WEIGHT

7.6 lbs

INTERPRETED BY

Eric Lindquist, DMV,
DABVP, Cert. IVUSS,
CEO of SonoPath.com

IMAGING PERFORMED BY

Kelly Vazquez, CVT

HOSPITAL NAME

Animal General on
Hudson

REFERRING VET

Dr. Zelinski

INVOICE

42824

DATE

2/15/23

PRESENTING CLINICAL SIGNS

History: Patient with previous history of left liver lobectomy due to hepatic mass in 2020, presents for elevated liver enzymes.

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. A trace amount of debris was noted. Grouping of which measured 1.0 cm. No evidence of inflammatory or neoplastic changes was noted. Ureteral papillae were normal.

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 4.21 cm. The left kidney measured 4.19 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 was hypoechoic and enlarged measuring 0.73 x 1.27 cm.

Spleen

The **spleen** in this patient was uniform, yet volume contracted. Hydration status should be assessed.

Liver

The **liver** revealed coalescing microcystic changes were noted with other smaller nodules in the left medial liver measuring up to 2.5 cm. The largest cyst adenomatous type mass measured 4.5 cm. Mild hepatic remodeling was noted. The gallbladder and common bile duct were unremarkable.

Gastrointestinal

Gastric fluid dilation was noted. The pylorus was patent and free of evident pathology. Small and large intestine demonstrated normal luminal chyme and stool consistency respectively. The mesenteric lymph node was enlarged and rounded measuring 1.2 x 1.0 cm.



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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. Some parenchymal remodeling, however, with mild deviation from curvilinear normalcy was observed. Pancreatic duct and capsular irregularities were present consistent with age related changes. If pain upon imaging (+ Murphy sign) was present or if the patient is focally painful in subxiphoid palpation then low-grade smoldering chronic pancreatitis should be suspected.

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ULTRASONOGRAPHIC FINDINGS

Multi-focal cyst adenomatous changes.

SEX

Bladder debris.

Neutered male

Age related renal changes.

Gastric fluid with mild gastric dilation.

AGE

15 years

Mesenteric lymph node enlargement.

Age related pancreatic changes.

WEIGHT

7.6 lbs

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Urinary work-up is warranted.

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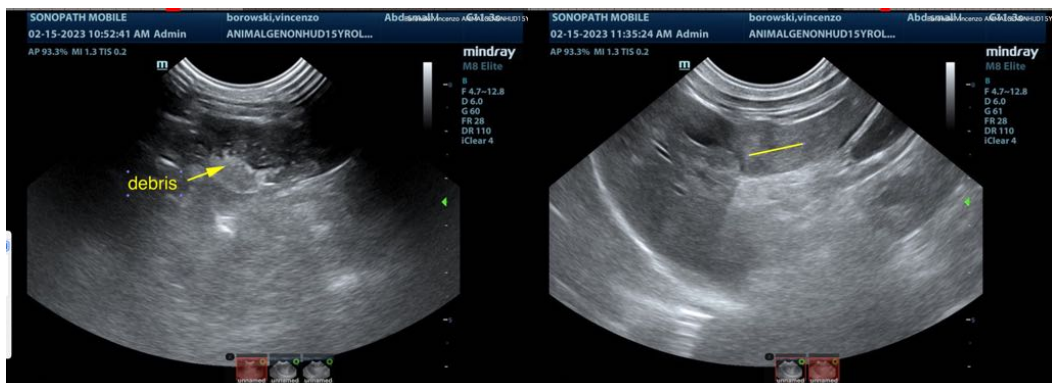
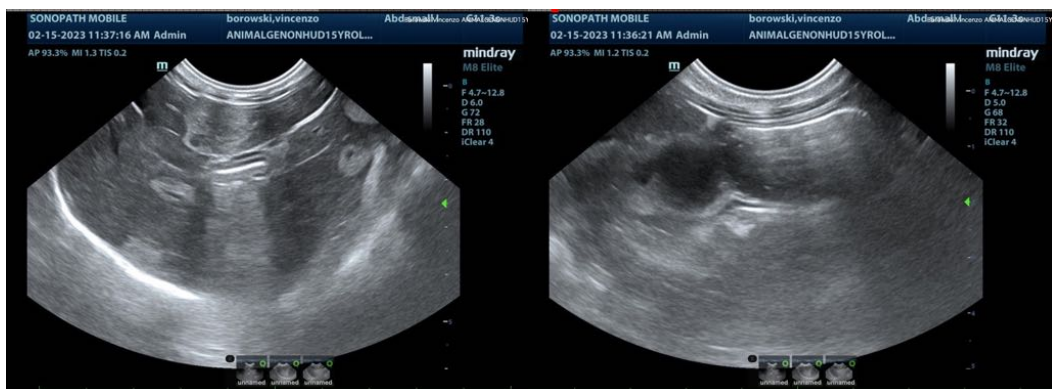
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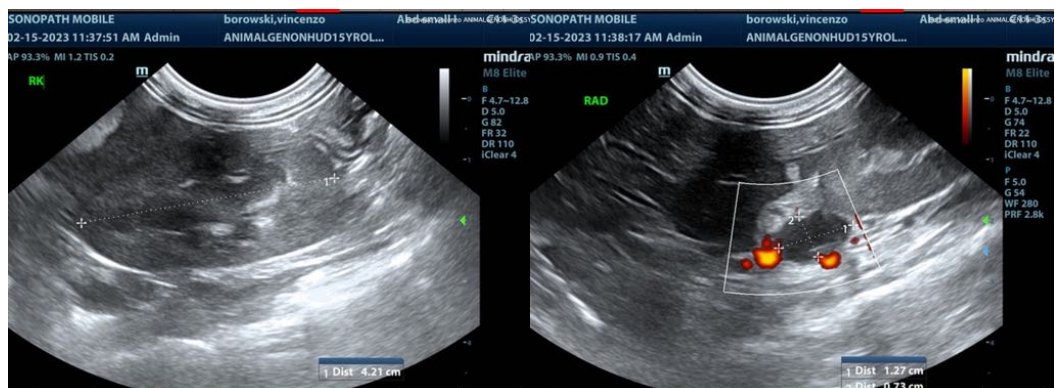
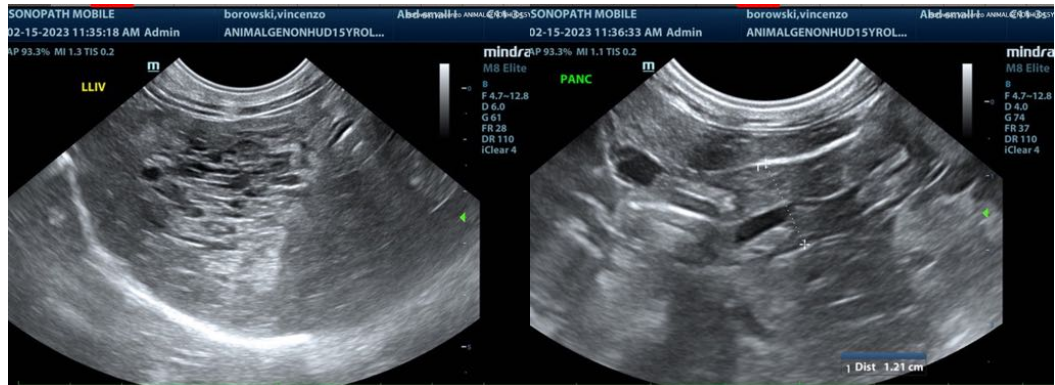
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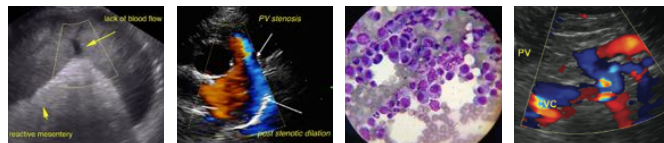


The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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, Cert. IVUSS, CEO of SonoPath.com

Info@SonoPath.com



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