



PATIENT

Brandi Mangano

SPECIES

Feline

BREED

DSH

SEX

Spayed Female

AGE

11 Years

WEIGHT

5.8 Pounds

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

JK

HOSPITAL NAME

Hamburg VC

REFERRING VET

Dr. DenHeyer

INVOICE

17135

DATE

9/2/22

PRESENTING CLINICAL SIGNS

History: Weight loss, lethargic.

Abnormal PE/Chem/CBC/UA Results: Irregular firm swelling cranial abdomen . T4 6.0. All other blood normal

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 1.0 cm beyond the cystourethral junction.

The **kidneys** revealed largely normal size and structure, corticomedullary definition and ratio (cortex 1/3 of medulla) were essentially maintained with some mild 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 left kidney measured 3.67 cm. The right kidney measured 3.84 cm.

Adrenal Glands

The regions of the **adrenal glands** revealed no evident pathology.

Spleen

The **spleen** revealed micronodular changes. Scalloping contour was noted.

Liver

The **liver** revealed irregular contour, coarse architecture and heterogeneous parenchyma. The gallbladder and common bile duct were unremarkable.

Gastrointestinal

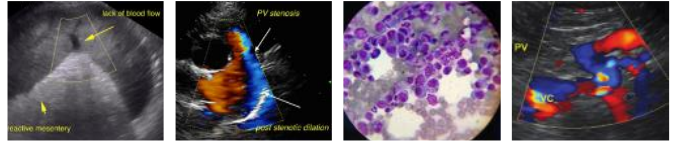
Some shadowing material was noted in the **stomach**, nonobstructive. Variable minor intestinal and colonic thickening noted. Soft stool was noted in the colon.

Pancreas

The base and limbs of the **pancreas** were observed to be largely isoechoic to surrounding omental fat. Some minor 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 subxyphoid palpation then low-grade smoldering chronic pancreatitis should be suspected. This is a minor change.

Free Abdomen

Slight **free fluid** was noted in the abdomen. The cranial abdominal lymph nodes were enlarged, hypoechoic and irregular, measuring up to 1.5 cm. FNA indicated.



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ULTRASONOGRAPHIC FINDINGS

- Strong suspicion for splenohepatic neoplasia
- Free fluid
- Enlarged, hypoechoic and irregular cranial abdominal lymph nodes
- Shadowing material in the stomach, variable minor intestinal and colonic thickening, soft stool in the colon.
- Age-related renal changes
- Age-related pancreatic changes

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

FNA of the spleen, liver and lymph nodes is indicated. Prognosis is very guarded.

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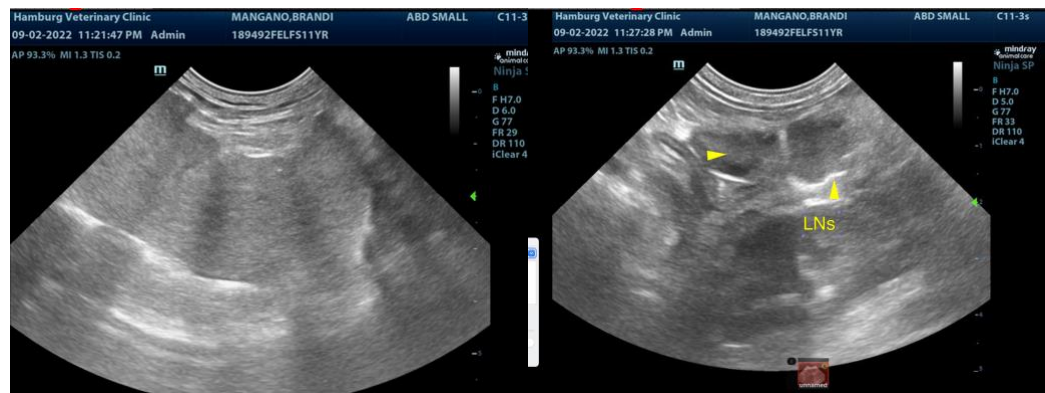
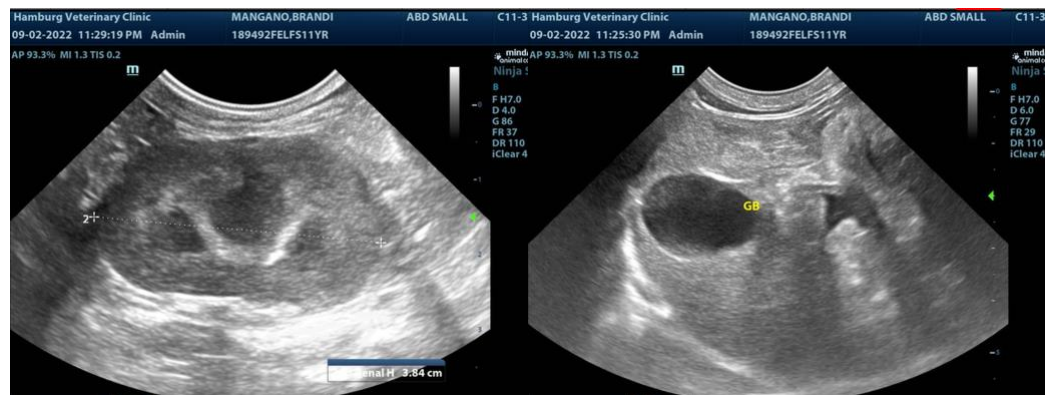
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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