



PATIENT

Shelby Wallace

SPECIES

Canine

BREED

Pitbull Mix

SEX

Spayed Female

AGE

13 Years

WEIGHT

76

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

**IMAGING
PERFORMED BY**

JK

HOSPITAL NAME

Hamburg VC

REFERRING VET

Dr. DenHeyer

INVOICE

22121

DATE

4/21/23

PRESENTING CLINICAL SIGNS

History: Vomiting, anorexia, lethargic. Elevated liver values

Abnormal PE/Chem/CBC/UA Results: AST 243, ALT 550, ALK PHOS 314, GGTP 17, SDMA 21, PSL 681

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The **bladder** in this patient was mildly thickened with slight echogenic mural changes. No calculi or masses were noted. Slight micropolypoid changes were noted. This is a frequent finding in older animals and may be linked to a history of chronic urinary tract infection or active urinary tract infection. Urinalysis would be recommended with culture if any evidence of inflammatory sediment is present. The region of the trigone and visible pelvic urethra were normal. The pelvic urethra was imaged 2.0 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 6.7 cm. The right kidney measured 6.0 cm.

Adrenal Glands

The **left adrenal gland** was enlarged, measuring approximately 1.3 cm.

The region of the **right adrenal gland** was imaged with no evident pathology.

Spleen

The **spleen** revealed multiple infiltrative masses with regional enhanced mesentery and localized free fluid.

Liver

The **liver** was riddled with multiple expansive and irregular nodular changes in both the left and right liver. 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

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.

ULTRASONOGRAPHIC FINDINGS



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- Diffuse hepatic and splenic neoplasia
- Enlarged left adrenal gland, likely incidental
- Age-related urinary bladder and renal changes

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

FNA is warranted for further definition. Prognosis is poor. Sarcoma is likely.

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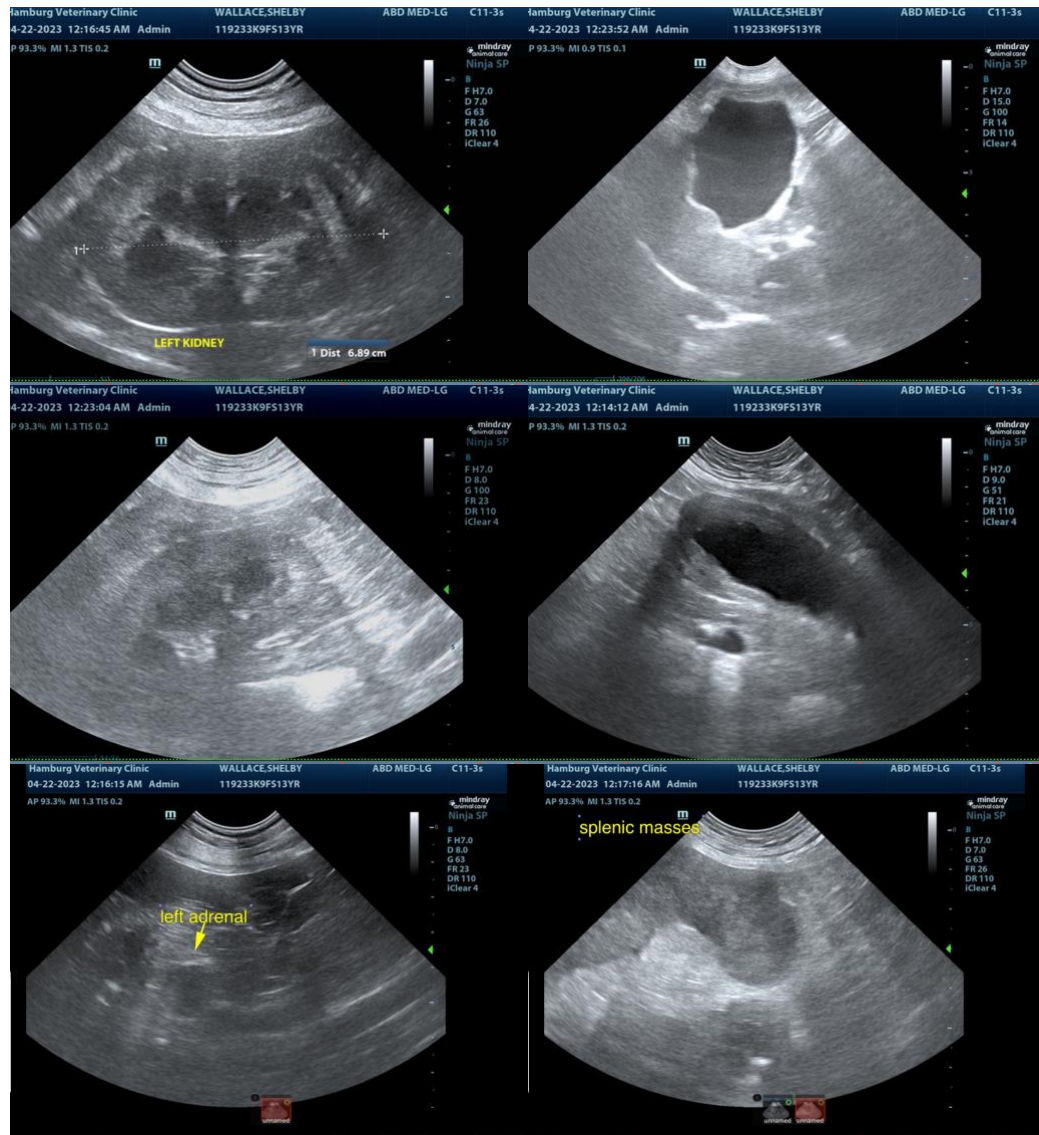
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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