



PATIENT

Kenzie Petronella

SPECIES

Canine

BREED

Labrador Retriever

SEX

Spayed female

AGE

13 years

WEIGHT

81.5 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Jessica Miller, RDMS

HOSPITAL NAME

VCA Blairstown AH

REFERRING VET

Dr. Lovell

INVOICE

42587

DATE

1/9/23

PRESENTING CLINICAL SIGNS

History: Intermittent vomiting, diarrhea, inappetence. Diagnosed w/ anal sac ACA 1 yr ago - has been through surgery + chemo. Current meds: Meloxicam

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 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. The left kidney measured 7.61 cm with slight pyelectasia. The right kidney measured 7.36 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 left adrenal gland measured 2.14 x 0.75 cm at the caudal pole and 0.63 cm at the cranial pole. The right adrenal gland measured 2.48 x 1.04 cm at the cranial pole and 0.61 cm at the caudal pole.

Spleen

The **spleen** revealed mixed, hypoechoic and irregular nodular changes with capsular escape. Enhanced surrounding mesentery was noted. An infiltrative pattern into the surrounding mesentery appeared to be occurring.

Liver

The **liver** was riddled with multiple, expansive, isoechoic to hypoechoic nodular changes and irregular contour. The gallbladder and common bile duct were unremarkable.

Gastrointestinal

Examination of the **gastrointestinal tract** revealed a stomach free of stasis, of normal wall thickness, acceptable curvilinear mural detail, and peristaltic activity. Portions of the intestinal tract appear to be potentially involved in the suspected neoplastic process. There was evidence of stasis and areas of variable intestinal thickening.



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Pancreas

Kenzie Petronella

In the area of the left **pancreatic** limb, multiple, hypoechoic nodules were noted. The nodules are presumed to be lymph node origin.

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Free Abdomen

In the region of the right adrenal gland and sublumbar space amorphous mass is present and likely of lymph node origin.

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Heart

SEX

Rapid view of the heart revealed no evidence of pathology.

Spayed female

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ULTRASONOGRAPHIC FINDINGS

Multi-centric neoplastic pattern involving the spleen, lymph nodes, mesentery and liver.

WEIGHT

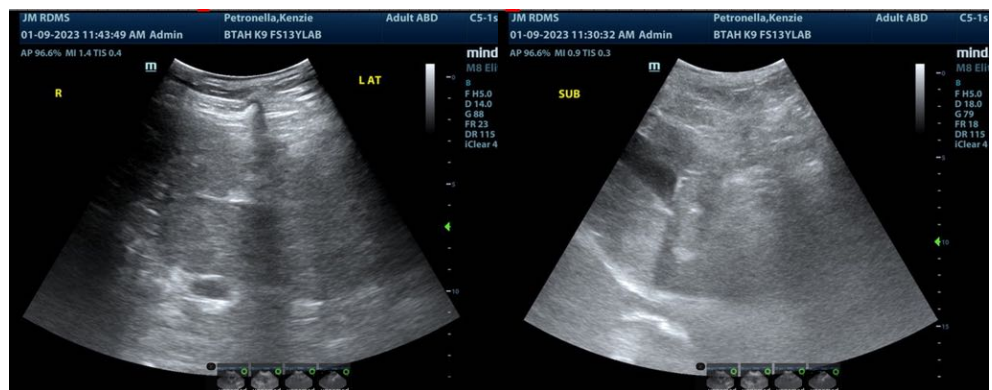
81.5 lbs

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

FNA of the undifferentiated pathology is recommended along with immediate chemotherapeutic intervention is recommended. Multi-centric sarcomatous, carcinomatosis type pattern.

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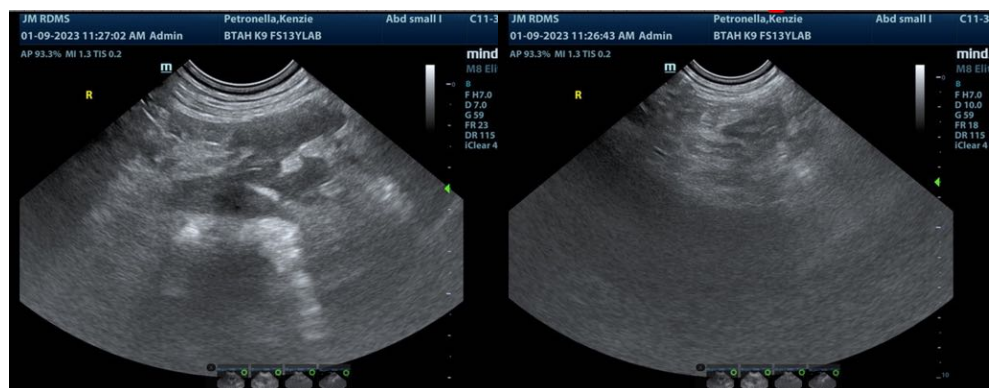
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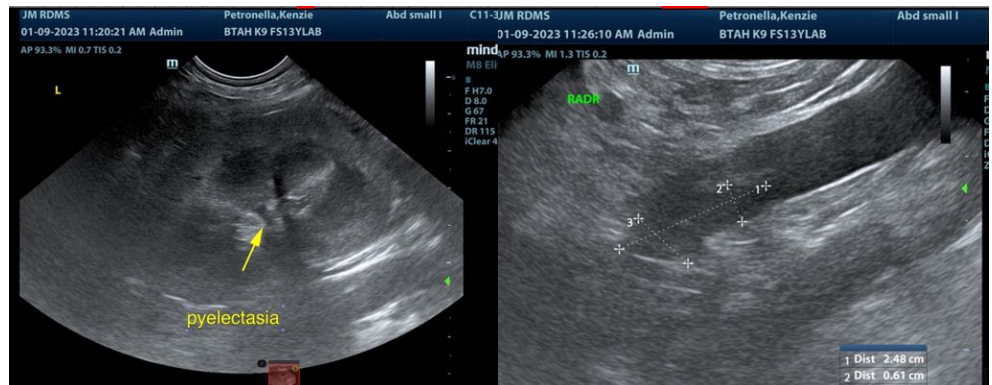
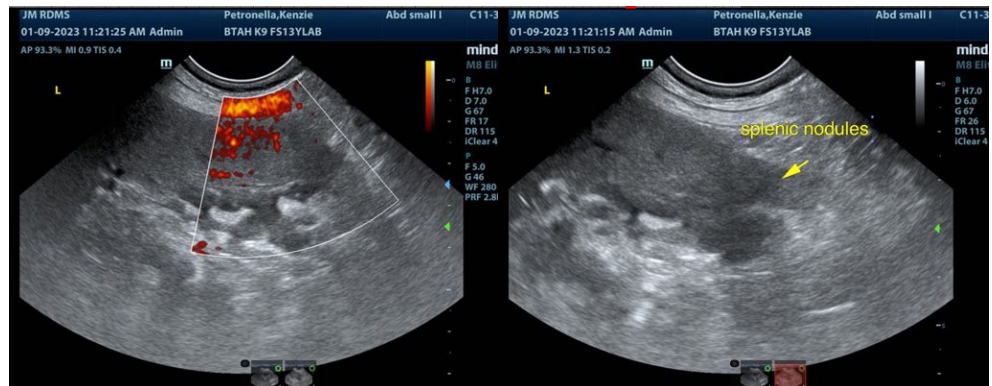
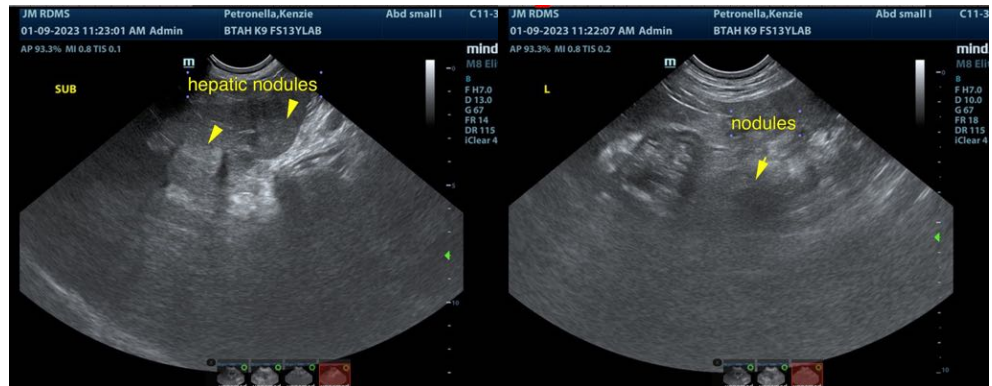
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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