



## PATIENT

Nova Balsamo

## SPECIES

Canine

## BREED

Pit Mix

## SEX

Female

## AGE

8 Months

## WEIGHT

42.8

## INTERPRETED BY

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

## IMAGING PERFORMED BY

Jenn

## HOSPITAL NAME

Rockaway AH

## REFERRING VET

Dr. Maniar

## INVOICE

36074

## DATE

3/3/26

## PRESENTING CLINICAL SIGNS

History: vomiting losing weight, lethargy diarrhea for 2 months jaundice

Abnormal PE/Chem/CBC/UA Results: WBC 34.29 ALP >10,000

## 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 **right kidney** 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 5.27 cm.

The **left kidney** revealed an expansive mass.

### *Adrenal Glands*

The **left adrenal gland** was enlarged, hypoechoic and irregular, measuring 4.5 cm x 1.68 cm at the cranial pole and 1.3 cm at the caudal pole.

The **right adrenal gland** was enlarged, measuring 3.28 cm x 1.33 cm at the caudal pole and 1.5 cm at the cranial pole.

### *Spleen*

The **spleen** was enlarged, swollen and folded upon itself.

### *Liver*

The **liver** was enlarged/swollen. 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.

### *Free Abdomen*



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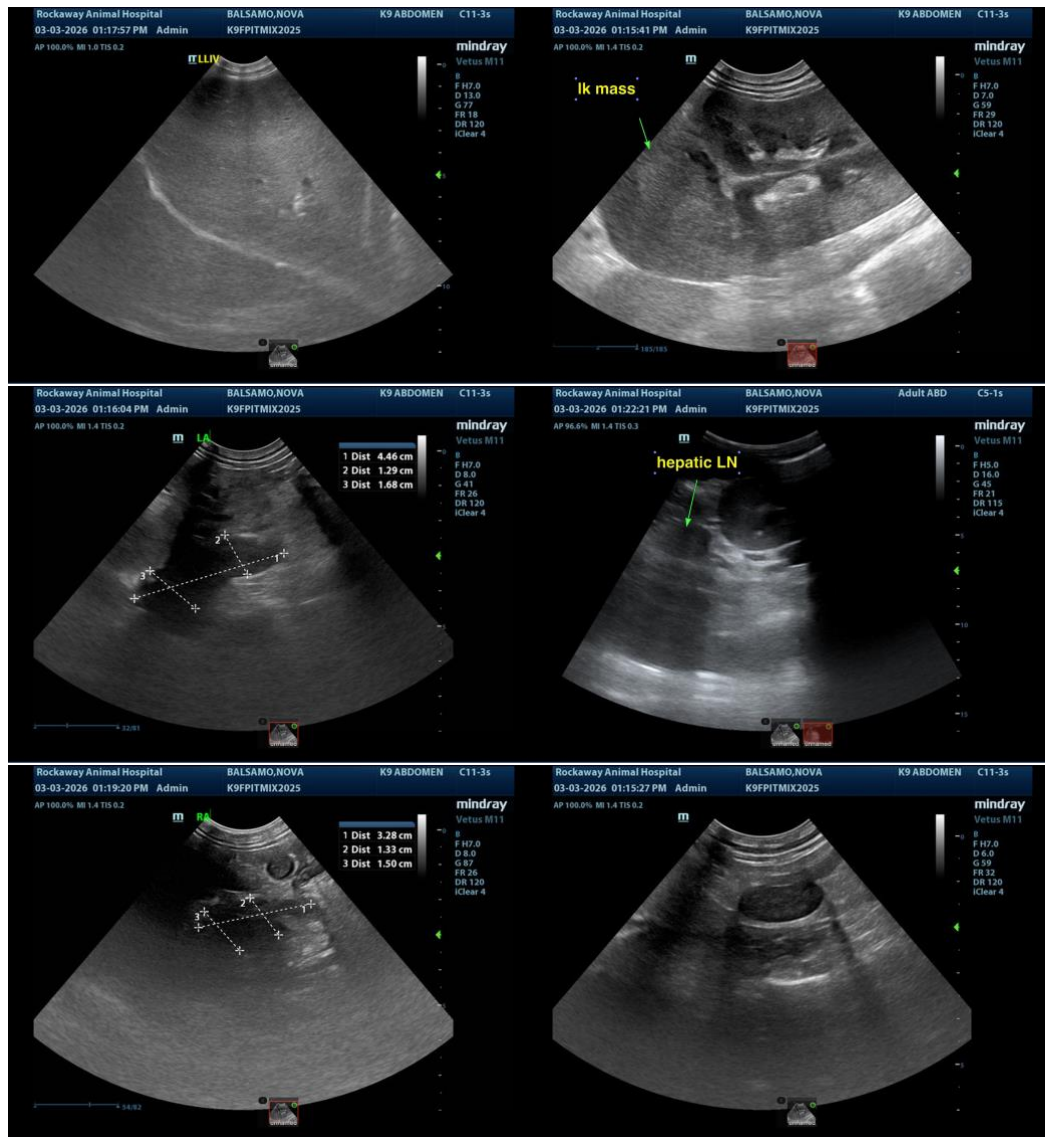
Sublumbar and iliac **lymph nodes** were enlarged, irregular, rounded and hypoechoic. The mesenteric lymph nodes were enlarged, rounded and hypoechoic. Hepatic lymph nodes were also enlarged.

## ULTRASONOGRAPHIC FINDINGS

- Strong concern for multifocal round cell neoplasia involving the spleen, lymph nodes, liver, potentially adrenal glands, and kidney with overt mass in the left kidney.

## INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Juvenile round cell neoplasia is suspected. Ultrasound guided FNA is warranted, of the left kidney mass, spleen, and liver. Lymphoproliferative disease owing to infectious agents is possible, yet less likely.





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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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