



## PATIENT

Alli Koenig

## SPECIES

Canine

## BREED

Terrier Mix

## SEX

Spayed female

## AGE

9 years

## WEIGHT

10.2 lbs

## INTERPRETED BY

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

## IMAGING PERFORMED BY

Jill Rumachik

## HOSPITAL NAME

Clarity Imaging LLC

## REFERRING VET

Dr. Buley

## INVOICE

71875

## DATE

2/25/26

## PRESENTING CLINICAL SIGNS

- Inappetent; lethargic; having urinary accidents in the house recently. Intermittent vomiting.
- 2/16/26: ALT = 338; remainder of chem and CBC unremarkable; USG = 1.021 - culture pending.

## 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 this age patient. Medullary structure differed distinctly from that of the cortex and no evidence of pelvic dilation was present. Slight mineralization was noted in the kidneys. The left kidney measured 3.9 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.

### Spleen

The **spleen** was enlarged and swollen with irregular contour. Subtle micronodular appearance was noted. There is a strong concern for infiltrative disease.

### Liver

The **liver** was mildly swollen, hypoechoic and irregular. The gallbladder and common bile duct were unremarkable other than minor gallbladder wall thickening and echogenicity. The hepatic lymph nodes were enlarged.

### 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



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demonstrated normal luminal chyme and stool consistency respectively. The mesenteric lymph nodes were enlarged.

**SPECIES**

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**Pancreas**

**BREED**

Terrier Mix

Enhanced mesentery was noted throughout the mid cranial abdomen obscuring portions of the **pancreas**, yet secondary inflammation is likely.

**SEX**

**Free Abdomen**

Spayed female

Free fluid was noted in the abdomen.

**AGE**

9 years

Hypochoic, rounded, undifferentiated lymph nodes were noted in the caudal abdomen measuring up to 3.2 x 1.7 cm.

**WEIGHT**

10.2 lbs

**ULTRASONOGRAPHIC FINDINGS**

**INTERPRETED BY**

Eric Lindquist, DMV  
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Multi-centric lymphoproliferative pattern involving lymph nodes, likely spleen and likely liver with secondary paraneoplastic effusion.

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

**IMAGING PERFORMED BY**

Jill Rumachik

Ultrasound-guided FNA of the accessible lymph nodes, spleen and liver are recommended for confirmation. Chest radiographs are warranted to assess for metastatic disease or comorbidities.

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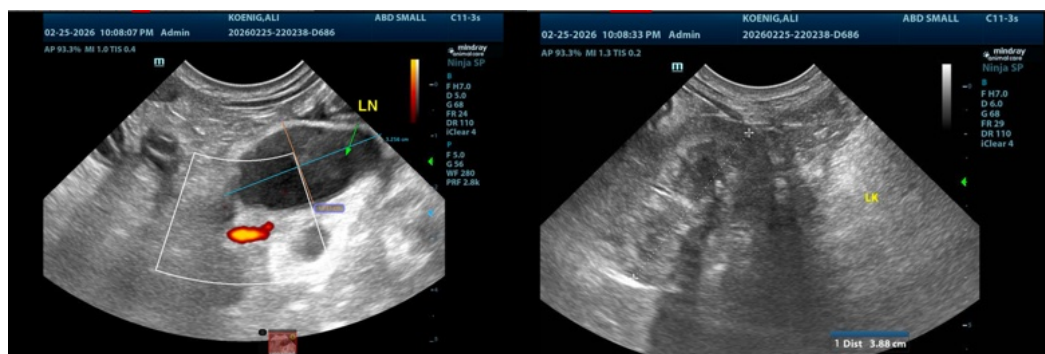
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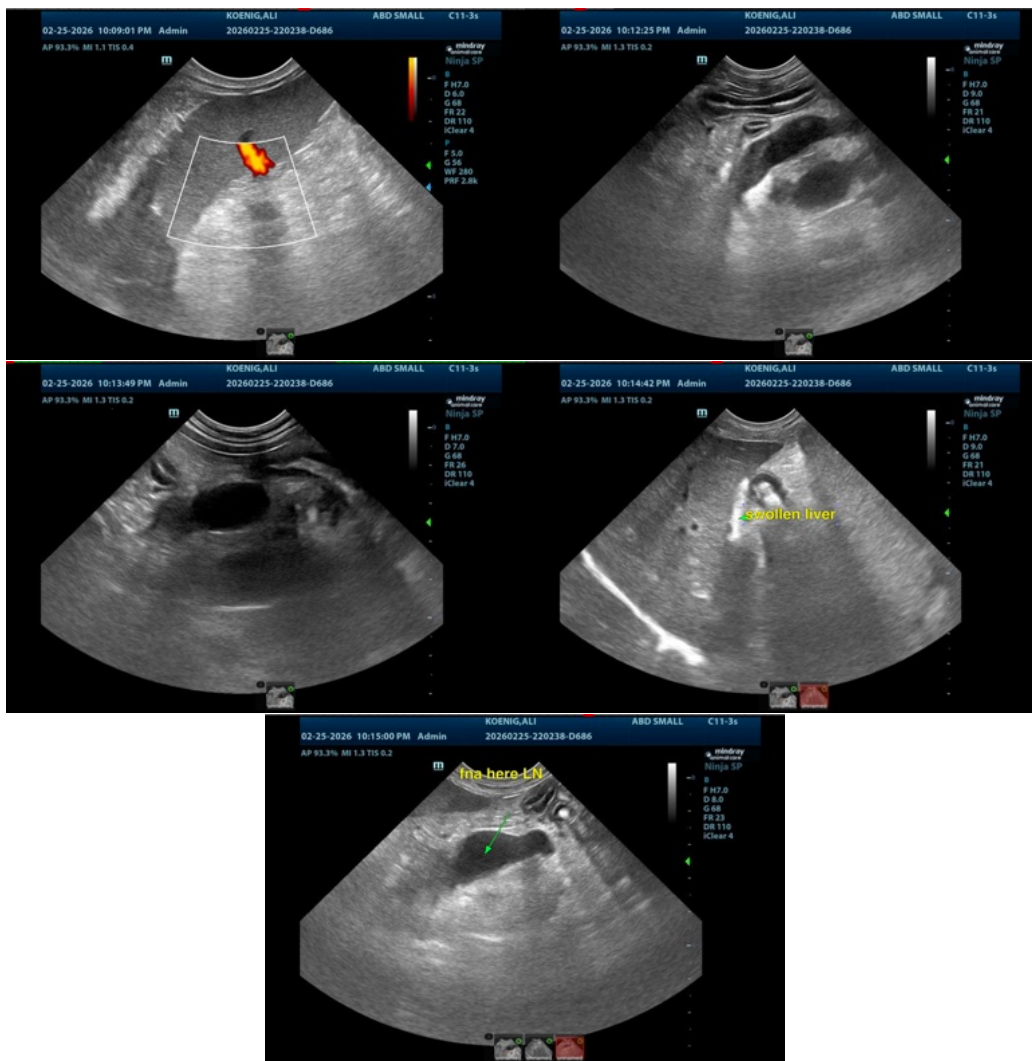
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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 (CFM), Cert. IVUSS, CEO of SonoPath.com

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