



## PATIENT

Yuki Ju

## SPECIES

Canine

## BREED

Border Collie

## SEX

Spayed female

## AGE

9 years

## WEIGHT

25.5 lbs

## INTERPRETED BY

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

## IMAGING PERFORMED BY

Dr. Salas

## HOSPITAL NAME

Tenafly VC

## REFERRING VET

Dr. Salas

## INVOICE

71399

## DATE

2/9/26

## PRESENTING CLINICAL SIGNS

- Yuki Ju is a 9 yr old 25 lb Border Collie. asymptomatic and doing well. maintaining wt. annual screening labs found total WBC ct 5.6k (sl low), slightly elevated Cr 1.6 w normal BUN and SDMA. Urine sp gr 1.057 w trace protein. BNP was elevated at 1,127 (historically normal). Pet was given torb 0.3 mg/kg IM today for Echo and Abd U/S. BP doppler 180 pre torb and 90-100 post torb. ECG submitted to Idexx- HEART RATE AND RHYTHM:
  - Heart Rate: 127 bpm
  - Rhythm: sinus arrhythmia with sinus pauses
  - ECG AND CLINICAL ASSESSMENT:
    - Sinus arrhythmia is present. Sinus arrhythmia is a normal ECG finding in dogs and is associated with high vagal tone. Sinus pauses are noted. This could be related to high vagal tone or could be related to underlying sinus node disease.
    - The R wave amplitude is increased; this may suggest ventricular enlargement but can also be identified as a normal patient variant.
    - 2 view chest rads taken normal heart size and normal lungs, vhs=9. Pet is 3 legged fyi and takes metacam occasionally for hip dysplasia.

## 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 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 4.12 cm. The left kidney measured 4.3 cm.

### Adrenal Glands

The **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 0.48 cm. The right adrenal gland measured 0.74 cm at the cranial pole and 0.35 cm at the caudal pole.

### Spleen

The **spleen** presented a smooth homogeneous parenchyma hyperechoic to liver and renal cortical parenchyma. The capsule was smooth without noticeable expansion or deviation from within the spleen or adjacent pathology. The splenic vasculature demonstrated normal volume without signs of



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congestion or thrombosis. No sonographic evidence of acute or chronic inflammatory, neoplastic, or infarctual changes was noted. The spleen measured 1.4 cm.

### *Liver*

The **liver** images from right and left intercostal as well as subcostal views revealed subjectively normal liver size, contour, and structure. Some age-related parenchymal remodeling was noted but likely not clinically significant at this time. Vascular and biliary tracts were of normal volume and no evidence of congestion was noted. The gallbladder presented some dependent debris with essentially normal contour. The cystic and common bile ducts were normal. No overt evidence of active inflammatory, infiltrative or regenerative pathology was noted but should be paired with current or past LE elevations regarding any clinical significance to this presentation. The hepatic lymph nodes 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*

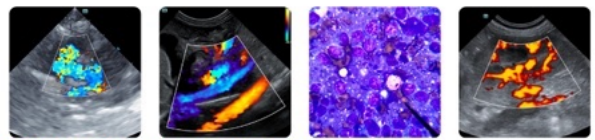
The base and limbs of the **pancreas** were observed to be largely isoechoic to surrounding omental fat. Pancreatic duct and capsular contour were acceptably normal and parenchyma respected normal curvilinear patterns. No overt evidence of active inflammatory or neoplastic disease was noted.

## ULTRASONOGRAPHIC FINDINGS

Structurally unremarkable abdomen.

## INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

There was no evidence of pathology.



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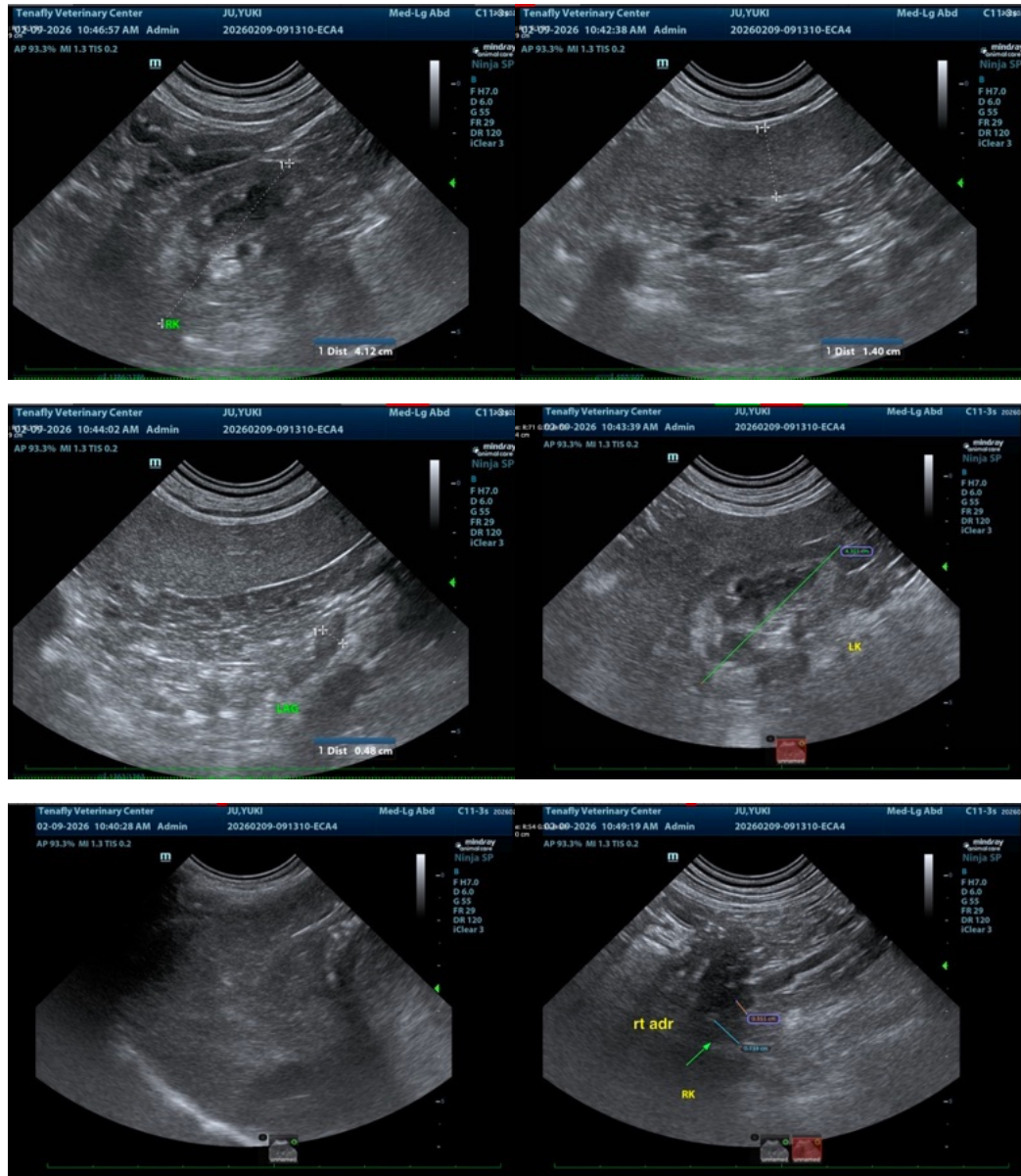
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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