



## PATIENT

Diego Cornejo

## SPECIES

Canine

## BREED

Beagle Mix

## SEX

Neutered Male

## AGE

15 Years 8 Months

## WEIGHT

24.5 Pounds

## INTERPRETED BY

Eric Lindquist, DMV,  
DABVP (Canine &  
Feline), Cert. IVUSS

## IMAGING PERFORMED BY

Dr. Paul Kim

## HOSPITAL NAME

Ridgefield Park AH

## REFERRING VET

Dr. Paul Kim

## INVOICE

37371

## DATE

6/5/26

## PRESENTING CLINICAL SIGNS

History: Ptx is no longer able to ambulate on his own and is also yelping. Ultrasound was performed to investigate elevated neutrophils in the BW. The owner stated today that Ptx has not urinated since yesterday morning.

Abnormal PE/Chem/CBC/UA Results: CBC: NRBC 2 0 - 1 /100 WBC HIGH Neutrophils 78 60 - 77 % HIGH Absolute Neutrophils 23010 2060 - 10600 /UL HIGH Absolute Monocytes 1475 0 - 840/UL HIGH WBC 29.5 4.0 - 15.5 1000/UL HIGH Platelet Count 651 170 - 400 X1000/UL HIGH Superchem: Globulin 4.2 1.6 - 3.6 g/dL HIGH A/G Ratio 0.7 0.8 - 2.0 LOW Alk Phosphatase 241 5 - 131 IU/L HIGH BUN/Creatinine Ratio 72 4 - 27 HIGH Urea Nitrogen 115 6 - 31 MG/DL HIGH Phosphorus 7.2 2.5 - 6.0 MG/DL HIGH Glucose 166 70 - 138 MG/DL HIGH.

\*\* 26 still images and 9 videos submitted.

## 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 evidence of inflammatory or neoplastic changes were noted. Ureteral papillae were normal. A minor amount of suspended urinary bladder debris was noted. The residual prostate was uniform, measuring 0.88 cm.

The **kidneys** revealed largely normal size and structure, corticomedullary definition and ratio (cortex 1/3 of medulla) were essentially maintained with some moderate 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. The kidneys do not appear end stage. The right kidney measured 5.0 cm. The left kidney measured 5.03 cm. Slight pyelectasia was noted in the left kidney. Corticomedullary mineralization was noted in the right kidney and minor microcystic changes.

### 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 right adrenal gland measured 1.5 cm x 0.5 cm. The left adrenal gland measured 2.2 cm x 0.7 cm.

### Spleen

The **spleen** in this patient was uniform, yet volume contracted. Hydration status should be assessed. The spleen revealed a 1.9 cm cyst. This does not appear overtly pathological. No evidence of rupture. Minor nodular changes were noted elsewhere in the spleen.

### Liver

The **liver** images from right and left intercostal as well as subcostal views revealed subjectively normal liver size, contour, and structure. Some mild age-related parenchymal remodeling was noted but likely



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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***

Some shadowing material (up to 1.0 cm) was noted in the **stomach**. This may represent medications. Transit of chyme into the small intestine was normal. Curvilinear patterns were maintained throughout the GI tract. No evidence of pathology. 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**

- Nonspecific moderate degenerative renal changes- do not appear end stage.
- Volume contracted spleen with cyst and nodular changes.
- Some shadowing material in the stomach, may represent medications.
- Geriatric abdomen otherwise.

### **INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

No overt cause of the clinical signs. Ultrasound guided drainage and FNA of the splenic lesions could be considered to assess if this is a suppurative change. Urine culture and sensitivity are indicated. Blood pressures are indicated.



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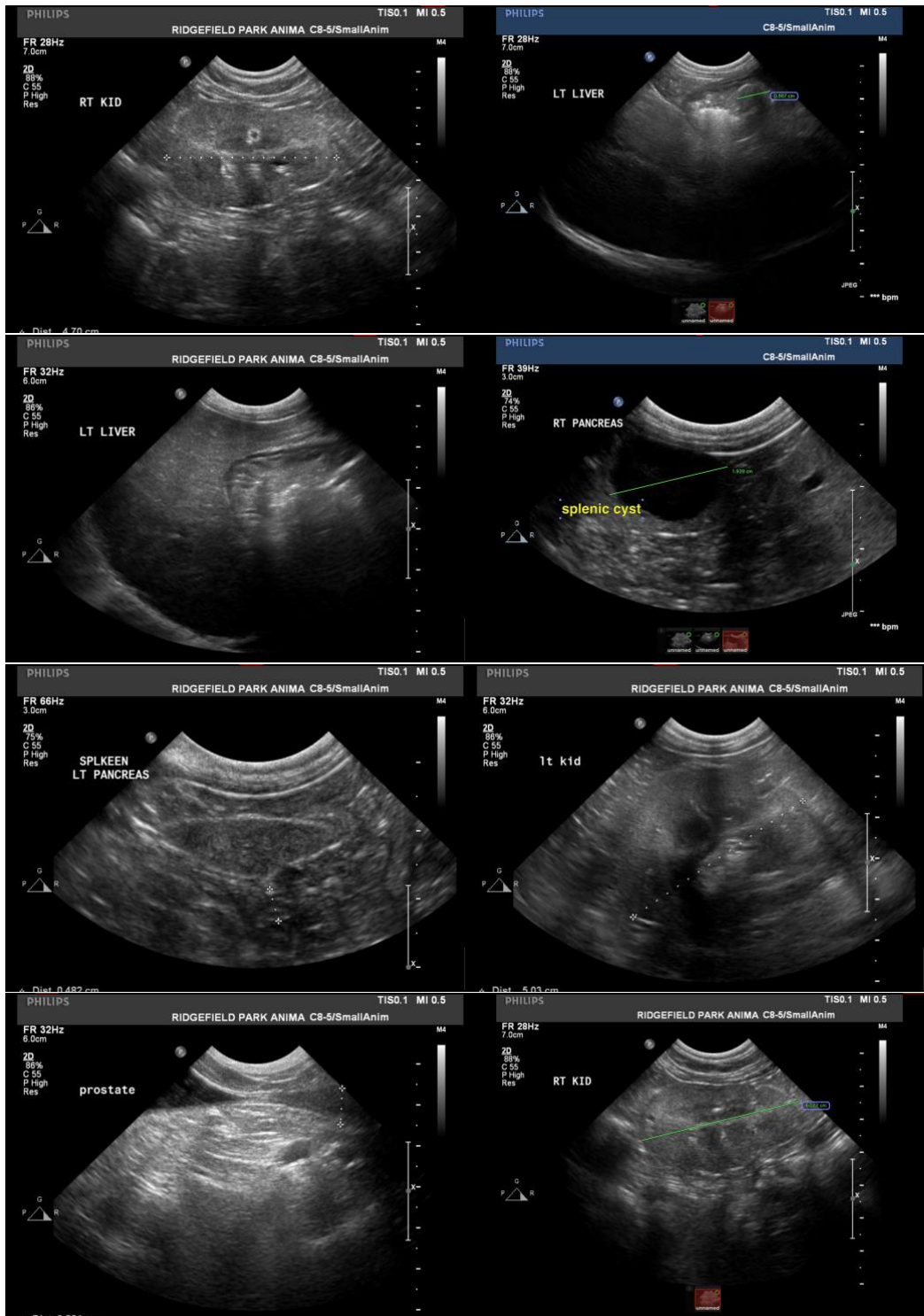
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology



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**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, Owner, Founder -- SonoPath.com  
[info@SonoPath.com](mailto:info@SonoPath.com)