



## PATIENT

Spencer Krushen

## SPECIES

Canine

## BREED

Bichon Frise

## SEX

Neutered male

## AGE

13 years

## WEIGHT

7.9 kg

## INTERPRETED BY

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

## IMAGING PERFORMED BY

Carlie Koltek RVT

## HOSPITAL NAME

Tuxedo AH

## REFERRING VET

Dr. Lameg

## INVOICE

71440

## DATE

2/10/26

## PRESENTING CLINICAL SIGNS

- Clinically doing well but requires dental and monitoring/further investigation on chronic conditions.
- He has no clinical signs of Cushing's (no PU/PD, no polyphagia, no muscle changes/weakness etc) and is not on treatment for Cushing's.
- Current meds: Aventi Liver, ursodiol
- Jan 22, 2026: CBC: RBC 5.40 (5.65 - 8.87 x10<sup>12</sup>/L) HCT 0.348 (0.373 - 0.617 L/L) MCHC 388 (320 - 379 g/L) Lymph 1.04 (1.05 - 5.10 x10<sup>9</sup>/L) Platelets 703 (148 - 484 x10<sup>9</sup>/L) Plateletcrit 0.89 (0.14 - 0.46 %) CHEM: ALT 172 (10 - 125 U/L) ALP 546 (23 - 212 U/L) GGT 12 (0 - 11 U/L) CHOL 8.46 (2.84 - 8.26 mmol/L)

## 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. The right kidney measured 5.5 cm. The left kidney measured 5.02 cm.

### Adrenal Glands

The right **adrenal gland** was at the upper limits of normal and measured 0.7 cm at the caudal pole and 0.9 cm at the cranial pole. The left adrenal gland was uniform and measured 0.47 cm at the cranial pole and 0.49 cm at the caudal pole.

### Spleen

The **spleen** was largely smooth with subtle heterogeneous parenchymal changes while maintaining normal echogenic relationship to the liver and kidney. Occasional, hyperechoic lipid plaques were noted. These changes are consistent with normal age-related alteration. The capsule was smooth without noticeable impingement from within the spleen or from pathology in the adjacent abdomen. The splenic vasculature demonstrated normal volume without signs of congestion or significant contraction. No evidence of active acute or chronic inflammatory, neoplastic, or infarctual changes was noted.

### 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



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clinically significant at this time. Vascular and biliary tracts were of normal volume and no evidence of congestion was noted. Minor gallbladder polyps were noted.

## 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. Some parenchymal remodeling, however, with mild deviation from curvilinear normalcy was observed. Pancreatic duct and capsular irregularities were present consistent with age related changes. If pain upon imaging (+ Murphy sign) was present or if the patient is focally painful in subxiphoid palpation then low-grade smoldering chronic pancreatitis should be suspected.

## ULTRASONOGRAPHIC FINDINGS

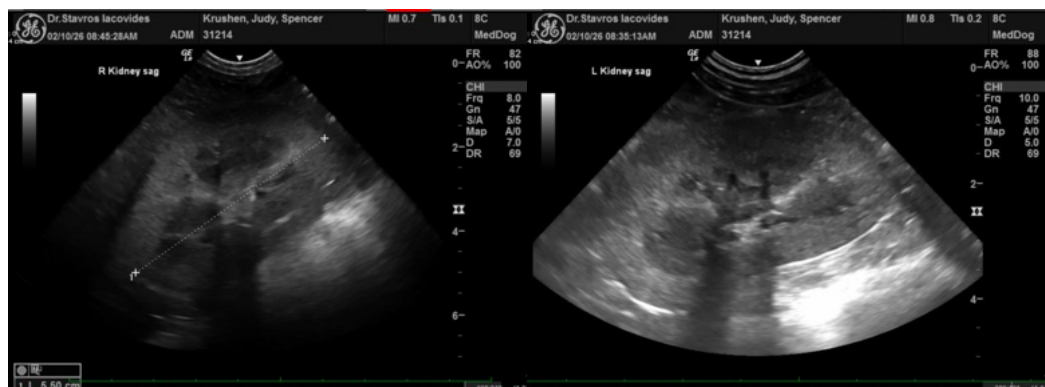
Structurally unremarkable abdomen with largely age related changes.

Gallbladder polyps, yet not pathological.

Upper limits of normal right adrenal size, likely a normal variant for this patient.

## INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

There was no evidence of significant disease. There was no progression from the prior sonogram. The gallbladder debris that was noted on the prior sonogram has essentially resolved.





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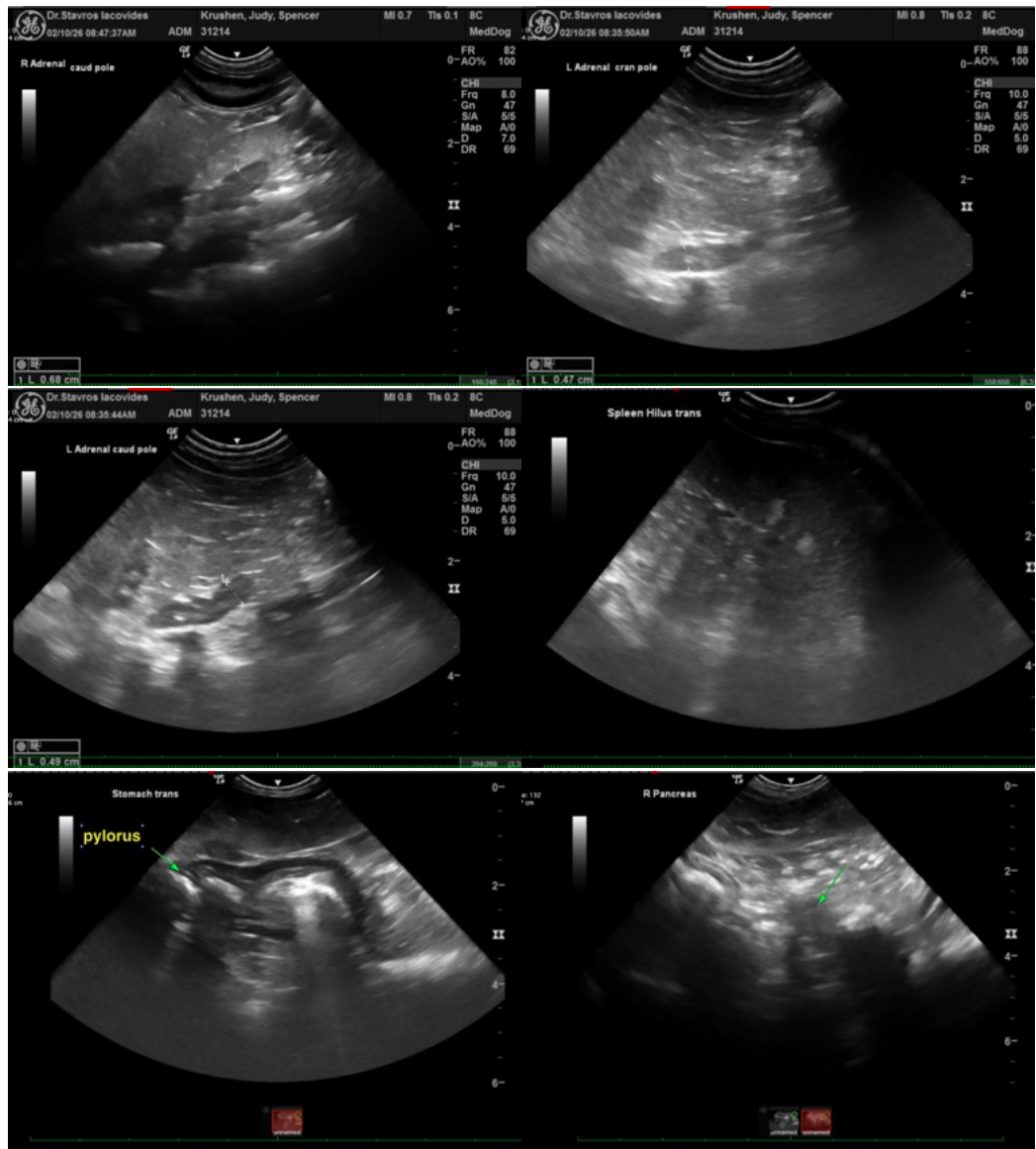
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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