



**PATIENT PRESENTING CLINICAL SIGNS**

Myia Collin History: Owner reports PU/PD. Doing very well otherwise. Sedated with Gabapentin PO and Torbugesic IM.  
PE: dry skin CBC/Chem/T-4/HW4Dx/Fecal antigen: (6/17/22) Plt 530, BUN 34, Creat 1.0, SDMA 15, ALT 155, ALP 288. UA: SG 1.020

**SPECIES**

Canine

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

**BREED**

**Urinary System**

Pomeranian

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.

**SEX**

Spayed Female

The **left kidney** 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. An occasional cortical cyst was noted in the left kidney as well. The left kidney revealed pyelectasia that measured 0.5 x 0.7 cm. This may be owing to scarring. The left kidney measured 3.68 cm. The right kidney measured 2.3 cm and was subnormal in size with dystrophic changes and cortical remodeling. The right kidney also revealed minor pyelectasia. Blood flow to the right kidney was sub normal on Power Doppler assessment.

**AGE**

15 years

**WEIGHT**

22 lbs

**INTERPRETED BY**

**Adrenal Glands**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

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 left adrenal gland measured 0.52 cm at the caudal pole and 0.51 cm at the cranial pole. The right adrenal gland measured 1.64 x 1.19 cm at the cranial pole and 0.45 cm at the caudal pole.

**IMAGING PERFORMED BY**

Dr. Ebersole

**HOSPITAL NAME**

**Spleen**

Scanvet

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 congestion or thrombosis. No sonographic evidence of acute or chronic inflammatory, neoplastic, or infarctual changes was noted.

**REFERRING VET**

Dr. Peyser

**INVOICE**

**Liver**

31517

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,

**DATE**

7/7/22



**PATIENT**

Myia Collin

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.

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Canine

**Gastrointestinal**

A minor amount of non-shadowing, non-obstructive ingesta was noted in the **stomach**. 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.

**BREED**

Pomeranian

**SEX**

Spayed Female

**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.

**AGE**

15 years

**ULTRASONOGRAPHIC FINDINGS**

**WEIGHT**

22 lbs

Moderate degenerative right renal changes with dystrophy. Minor pyelectasia in the right kidney.

Mild, degenerative left renal changes with pyelectasia.

Benign hepatopathy with minor remodeling.

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

There was no evidence of significant disease. I am most concerned about the kidneys long term in this patient. Blood pressure measurements and urine culture is indicated if any inflammatory sediment is present. Geriatric or renal oriented diet is indicated.

**IMAGING PERFORMED BY**

Dr. Ebersole

**HOSPITAL NAME**

Scanvet



**REFERRING VET**

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**REFERRING VET**

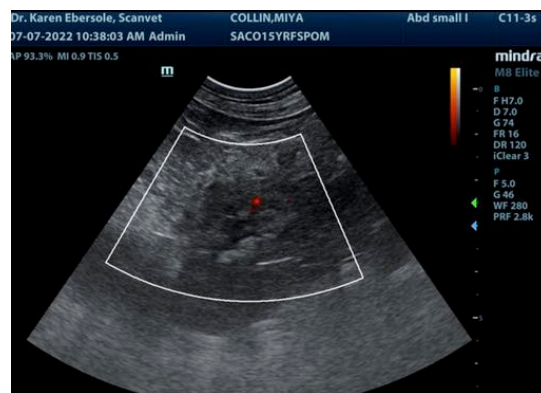
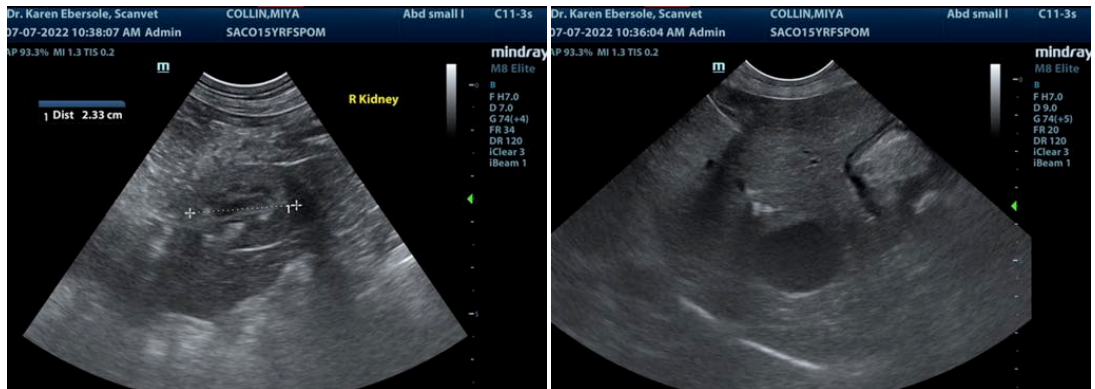
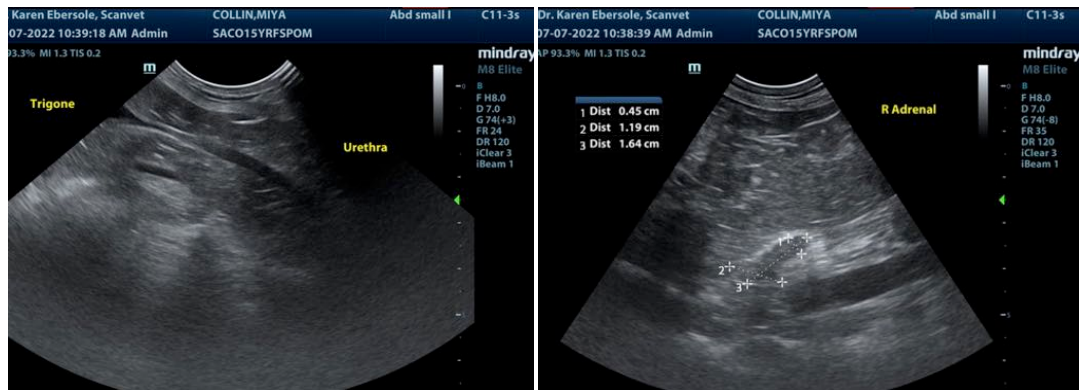
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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, Cert. IVUSS, CEO of SonoPath.com



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info@SonoPath.com

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