



PATIENT

Bella Kweselaite

SPECIES

Canine

BREED

Shih Tzu

SEX

Spayed Female

AGE

3 Years

WEIGHT

11.7 Lbs.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Diane McFadden

HOSPITAL NAME

Newton VH

REFERRING VET

Not Provided

INVOICE

13030

DATE

12/13/21

PRESENTING CLINICAL SIGNS

History: not eating at home for 3 days; vomiting bile; did eat in hospital yesterday' developed hematochezia in hospital. On entyce, pantoprazole, sucralfate, metronidazole. abdominal rads nsf. Had negative abd exploratory in november

Abnormal PE/Chem/CBC/UA Results: cbc/chem nsf, CPL normal,

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 were 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 left kidney measured 3.7 cm. The right kidney measured 4.2 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. The right adrenal gland measured 1.59 cm x 0.99 cm at the cranial pole and 0.5 cm at the caudal pole. The left adrenal gland measured 1.85 cm x 0.39 cm at the caudal pole and 0.3 cm at the cranial 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 congestion or thrombosis. No sonographic evidence of acute or chronic inflammatory, neoplastic, or infarctual changes were noted.

Liver

The **liver** images submitted revealed subjectively normal liver size, contour, and structure. Parenchymal echogenicity was naturally coarse and hypoechoic to the spleen. Vascular and biliary tracts were of normal volume with no evidence of congestion. The gallbladder presented acceptably thin walls with primarily anechoic content. The cystic and common bile ducts were normal. No pathological hepatic lymphadenopathy was evident. No overt structural evidence of inflammatory, infiltrative or regenerative pathology was evident.

Gastrointestinal

The **stomach** itself was unremarkable. The distal colon in the pelvic inlet revealed a mineralizing region of approximately 3.0 cm x 2.0 cm with progressively thickened colonic wall, strongly suggestive for colonic neoplasia. Regional slight free fluid noted. Colonoscopy necessary for further definition and biopsies. Minor colonic stasis also noted prior to the lesion.



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Pancreas

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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.

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ULTRASONOGRAPHIC FINDINGS

- Progressive colonic thickening in the pelvic inlet with undefined mineralized structure

BREED

Shih Tzu

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Colonoscopy recommended. CT evaluation could also be considered. Given the deep pelvic positioning, ultrasound guided access to the lesion is not available.

SEX

Spayed Female

SonoPath CT Services are offered at the [Blairstown Animal Hospital](#). Blairstown animal hospital is just a 30-minute drive west on route 80 from the route 80/287 interchange/Parsippany, New Jersey. More information can be found at:

AGE

3 Years

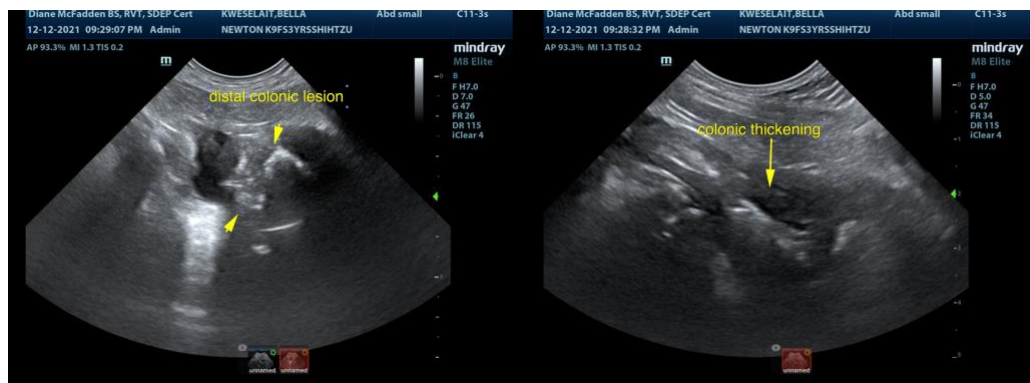
<https://sonopath.com/resources/sonopaths-teleconsultation-services-and-sdep-certification/sonopath-ct-services>

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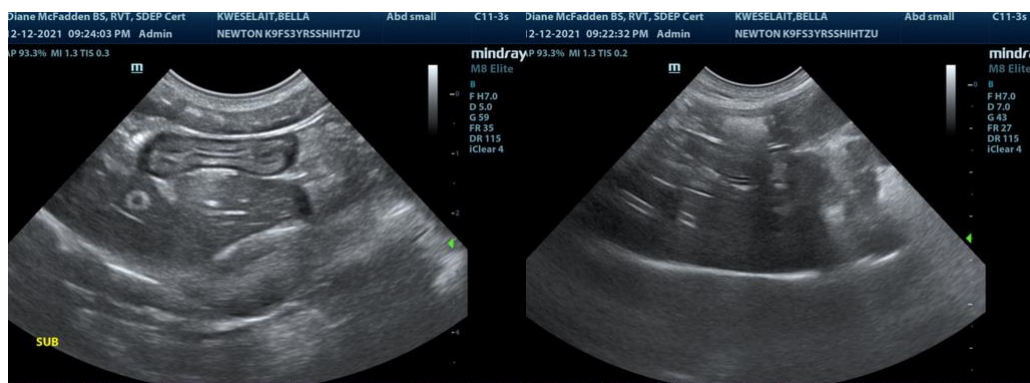
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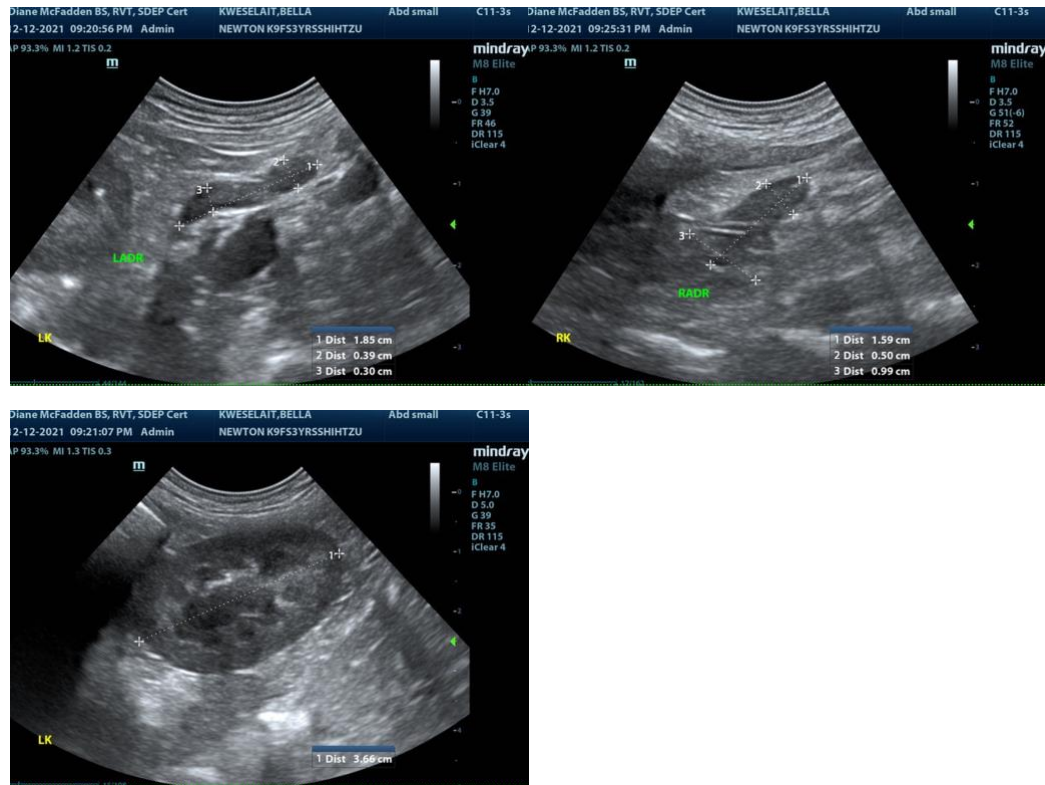
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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
info@SonoPath.com