



PATIENT

Candy Arcila

PRESENTING CLINICAL SIGNS

Choleliths, vomiting, ataxia but vestibular. Current meds: Cerenia, Pantoprazole, Metronidazole
Abnormal PE/Chem/CBC/UA Results: Ca 1.86 (1.5 H)

SPECIES

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

BREED

Shih Tzu

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.

SEX

Female

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 his age patient. Medullary structure differed distinctly from that of the cortex and no evidence of pelvic dilation was present. The left kidney measured 5.06 cm. The right kidney measured 5.28 cm.

AGE

13 Years 10 Months

Adrenal Glands

WEIGHT

16 Pounds

Both **adrenal glands** were visualized and recognized as having largely normal shape, size, position and acceptable echogenicity for this age group and breed. Some heterogeneity was noted within the adrenal parenchyma without concerning capsular distortion. These changes are likely age related but should be monitored by sonogram should the patient be suspected of having adrenal disease. The right adrenal gland measured 1.75 cm x 0.58 cm at the cranial pole and 0.53 cm at the caudal pole. The left adrenal gland measured 1.60 cm x 0.65 cm at the cranial pole and 0.53 cm at the caudal pole.

INTERPRETED BY

Eric Lindquist, DMV

Spleen

DABVP, Cert. IVUSS

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.

IMAGING PERFORMED BY

Shari Reffi, CVT

Liver

HOSPITAL NAME

Rockaway AH

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 sand accumulation and choleliths, non-obstructive.

REFERRING VET

Dr. Bednar

Gastrointestinal

INVOICE

39327

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.

DATE

7/8/22



PATIENT

Pancreas

Candy Arcila

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.

SPECIES

Canine

PRIMARY FINDINGS

- Geriatric abdomen with cholelithiasis

BREED

Shih Tzu

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Ursodiol therapy could be considered to attempt to dissolve the gallbladder calculi. However, eventual cholecystectomy may be necessary in this patient. Supportive GI care should prove effective. The patient may have passed a gallbladder calculus recently. No evidence of reproductive pathology present. Given the patient history, CT of the CNS may be appropriate.

SEX

Female

SonoPath CT Services are offered at the [Blairstown Animal Hospital](https://www.blairstownanimalhospital.com/). 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

13 Years 10 Months

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

WEIGHT

16 Pounds

INTERPRETED BY

Eric Lindquist, DMV

DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Shari Reffi, CVT

HOSPITAL NAME

Rockaway AH

REFERRING VET

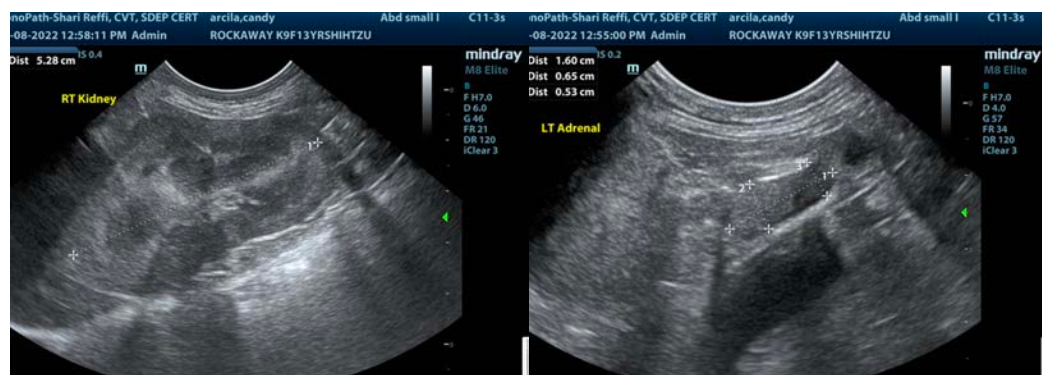
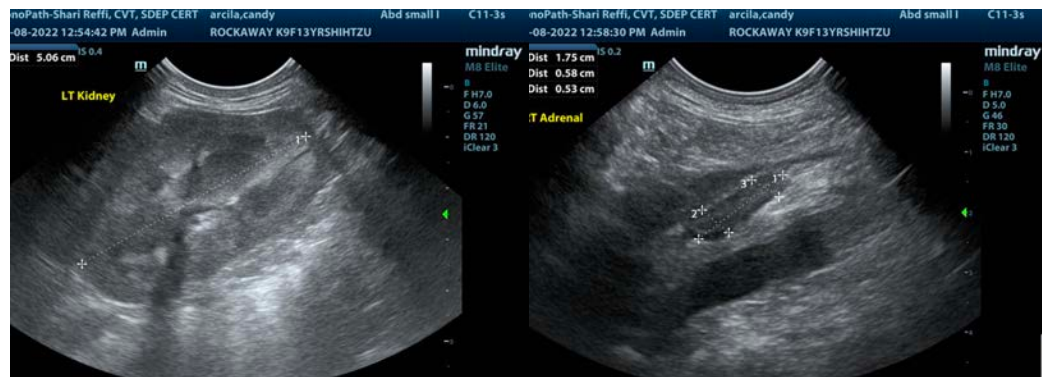
Dr. Bednar

INVOICE

39327

DATE

7/8/22





PATIENT

Candy Arcila

SPECIES

Canine

BREED

Shih Tzu

SEX

Female

AGE

13 Years 10 Months

WEIGHT

16 Pounds

INTERPRETED BY

Eric Lindquist, DMV

DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Shari Reffi, CVT

HOSPITAL NAME

Rockaway AH

REFERRING VET

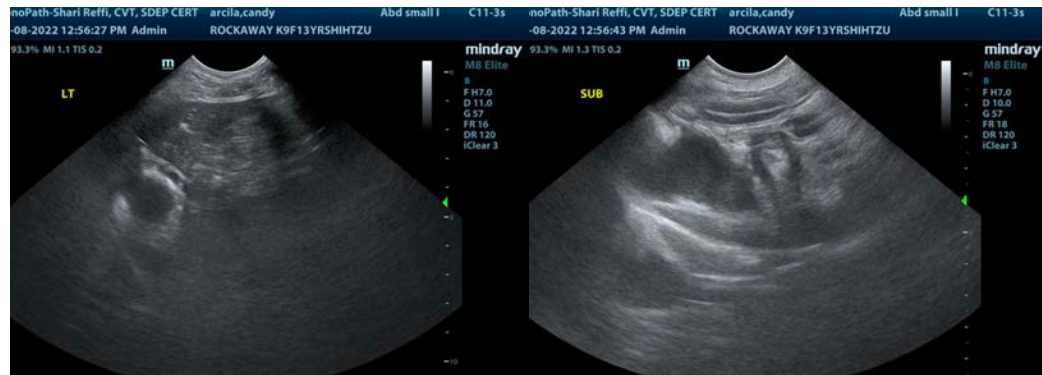
Dr. Bednar

INVOICE

39327

DATE

7/8/22



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

info@SonoPath.com