



PATIENT

Cody Sarti

PRESENTING CLINICAL SIGNS

- intermittent hemorrhagic diarrhea
- current medications- Wedgewood Collapsing Trachea Elixer

SPECIES

Canine

Abnormal PE/Chem/CBC/UA Results: 4/8/25- Preop Chem- TP 7.5, Alb 4.1 K+ 5.6, Na/K ratio 26

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

BREED

Shih Tzu

Urinary System

The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 2 cm exhibited normal thickness and tone. Anechoic urine was present in the lumen with dependent lumen calculi to accumulated mineral measuring ~ 1.4 cm and concurrent areas of probable adhered ventroapical lumen surface mineral. The ureteral papillae were normal. The ureters were not visible which is normal. No evidence of inflammatory or neoplastic changes was noted.

SEX

MN

AGE

12yr

Normal size and margination were present in the kidneys. Mildly thickened non-homogenous cortex, adequate medullary volume. Hyperechoic to mineralized corticomedullary border and lateral medullary parenchyma, The left kidney measured 4.2 cm in length. The right kidney measured 4.5 cm in length.

The area of the aortic trifurcation was free of pathology.

WEIGHT

16lb

The area of the residual prostate appeared normal and free of pathology.

Adrenal Glands

The bilateral adrenal glands were normal in size. Mild parenchyma heterogeneity and mild capsule asymmetry was present without suspicion for overt neoplasia. The left adrenal gland measured 0.47 cm width in the caudal pole. The right adrenal gland measured 0.63 cm width in the caudal pole.

Spleen

The spleen exhibited a finely textured and homogenous parenchyma which was hyperechoic to the liver and renal cortical parenchyma. The capsule was smooth and regular without apparent expansion. The splenic vasculature at the hilus was normal in volume with no evidence of congestion or thrombosis. Acute to chronic inflammatory, neoplastic, or benign parenchyma changes were not noted.

Liver/Gallbladder

The liver was subjectively normal in size, structure, and contour. The liver parenchyma was uniform and hypoechoic to the spleen with a mild coarse echotexture. Normal vascular volume. The hepatic and portal vasculature were normal in appearance without signs of congestion. The gallbladder was non-distended in size with thin walls and primarily anechoic luminal content. The cystic and common bile ducts were normal.

Gastrointestinal

The stomach presented intact wall layering with a normal wall layer ratio. The lumen of the stomach was empty with no signs of ileus, obstruction or foreign material.

INTERPRETED BY

R. McKenzie Daniel,
DVM, DABVP
(Canine and Feline)

IMAGING PERFORMED BY

Vincent Ravancho CVT

HOSPITAL NAME

Berkeley Heights AH

REFERRING VET

Dr Susan Seltzer

INVOICE 23981

DATE 02/25/2026



PATIENT

Cody Sarti

The small intestine presented intact wall layering with 1:3 muscularis/mucosa ratio. The lumen of the small intestine was empty with no signs of mechanical/metabolic ileus, obstruction or foreign material. Normal visible colon wall layers were present with current formed feces in lumen.

SPECIES

Canine

Pancreas

The parenchyma of the left limb, body and right limb of the pancreas presented isoechoic to the adjacent omental fat. A normal curvilinear capsule contour of the pancreas was present. The visible pancreatic duct was normal. No signs of active inflammation or neoplastic disease was evident.

BREED

Shih Tzu

Free Abdomen

No omental masses, overt lymphadenopathy or peritoneal effusion was present.

SEX

MN

ULTRASONOGRAPHIC FINDINGS

Primary

- Normal gastrointestinal tract /colon with current formed fecal matter
- Cystic calculi / mineral
- Bilateral chronic renal changes exhibiting mild hyperechoic to mineralized corticomedullary parenchyma.

AGE

12yr

WEIGHT

16lb

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

No evidence of gastroenterocolic mural pathology. A fresh fecal analysis is recommended to rule out parasitic ova/giardia. Rectal palpation given limited visibility of the colorectum +/- a GI panel to include PLI/TLI/Cobalamin/Folate and screening cortisol level recommended to assess for contributing disease.

INTERPRETED BY

R. McKenzie Daniel,
DVM, DABVP
(Canine and Feline)

A limited antigen or hydrolyzed diet trial with potential long term dietary therapy, prophylactic deworming (Panacur 50 mg/kg SID x 5 consecutive days with repeat protocol in 3 weeks even if fecal testing is negative) and high colony count probiotic (Proviale) may prove beneficial.

IMAGING PERFORMED BY

Vincent Ravancho CVT

Renal staging to include UA, urine C/S and protein: creatinine ratio on sterile urine sample may be considered.

HOSPITAL NAME

Berkeley Heights AH

REFERRING VET

Dr Susan Seltzer

INVOICE
23981

DATE
02/25/2026



PATIENT

Cody Sarti

SPECIES

Canine

BREED

Shih Tzu

SEX

MN

AGE

12yr

WEIGHT

16lb

INTERPRETED BY

R. McKenzie Daniel,
 DVM, DABVP
 (Canine and Feline)

IMAGING PERFORMED BY

Vincent Ravancho CVT

HOSPITAL NAME

Berkeley Heights AH

REFERRING VET

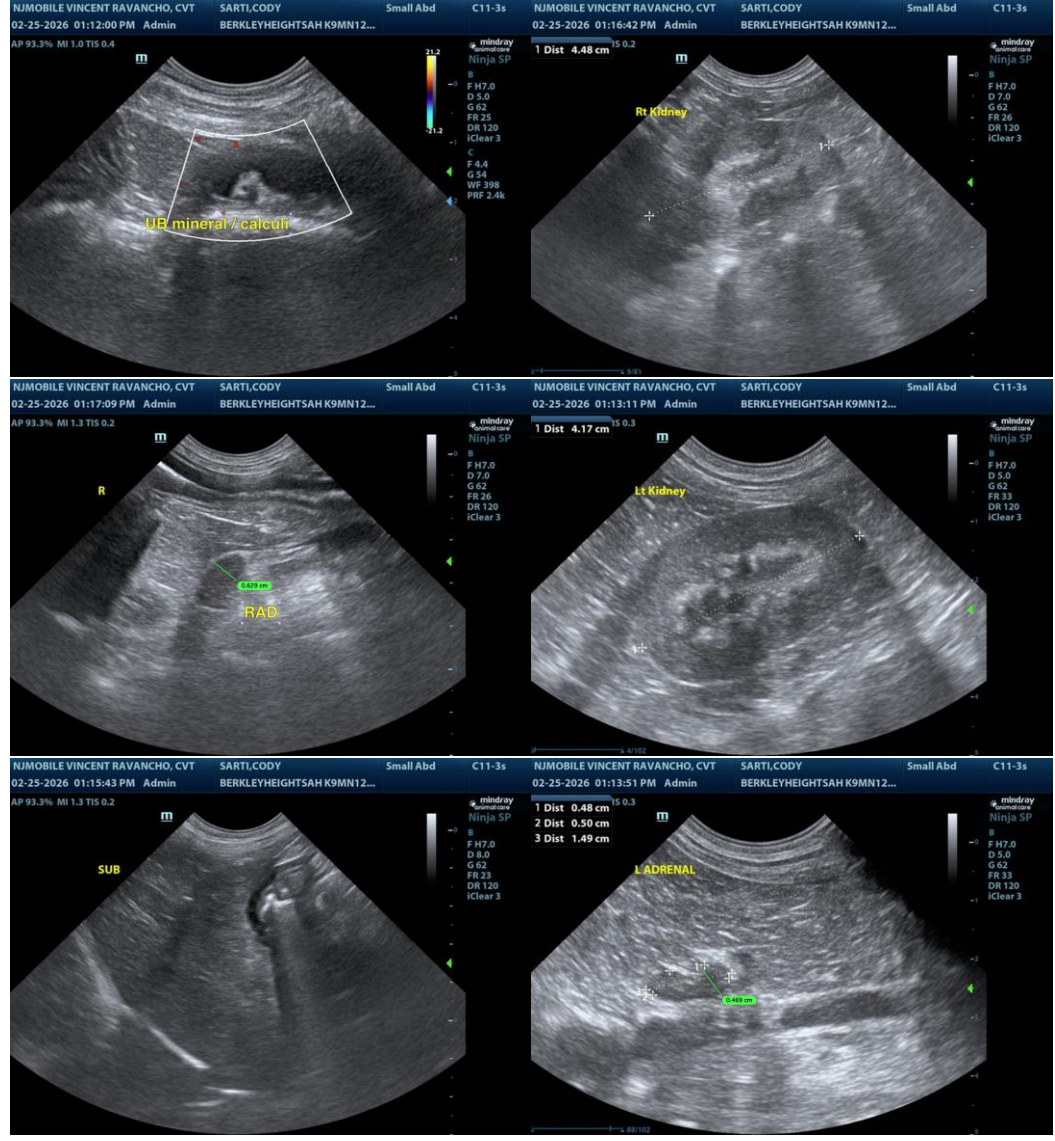
Dr Susan Seltzer

INVOICE

23981

DATE

02/25/2026





PATIENT

Cody Sarti

SPECIES

Canine

BREED

Shih Tzu

SEX

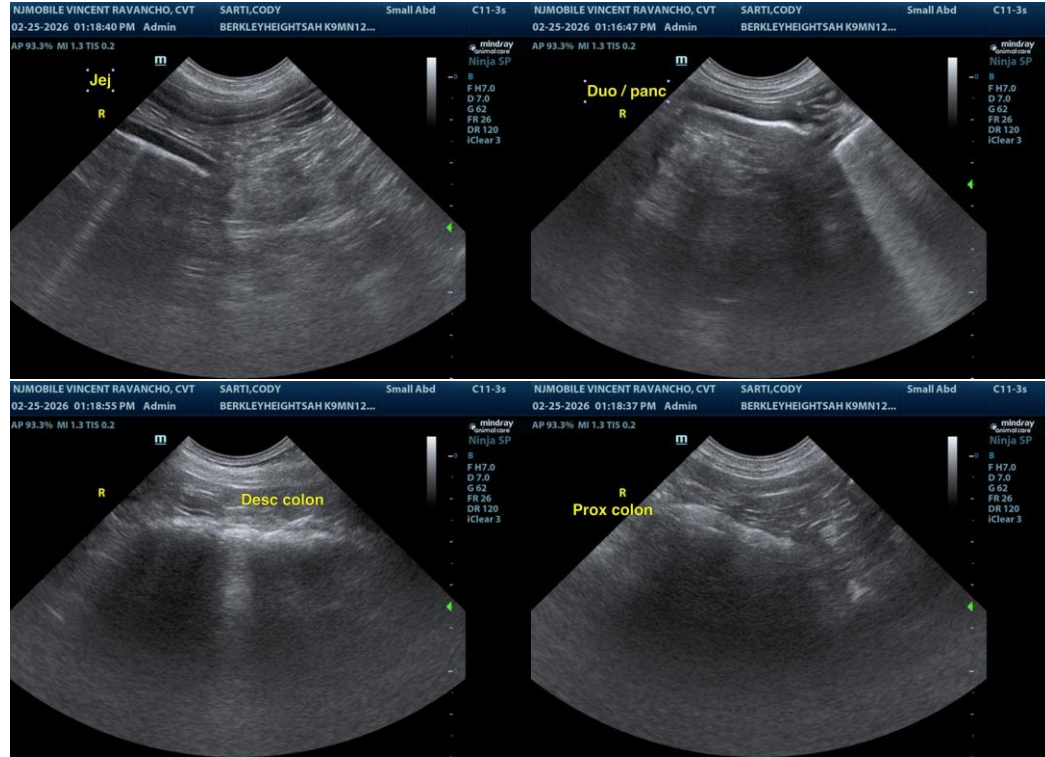
MN

AGE

12yr

WEIGHT

16lb



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.

INTERPRETED BY

R. McKenzie Daniel, DVM, DABVP (Canine and Feline)

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.

IMAGING PERFORMED BY

Vincent Ravancho CVT

R. McKenzie Daniel, DVM, DABVP (Canine/Feline Practice)
info@sonopath.com

HOSPITAL NAME

Berkeley Heights AH

REFERRING VET

Dr Susan Seltzer

INVOICE
23981

DATE
02/25/2026