

PRESENTING CLINICAL SIGNS

PATIENT

Marley Williamson

SPECIES

Canine

BREED

Fox Terrier

SEX

Spayed Female

AGE

11 Years

WEIGHT

15.69

Patient has been sick off/on for a while now. Off/on eating and drinking. Diarrhea for weeks now. Seem painful in Abd and is very tense. Also seems to have more effort breathing and seems uncomfortable. Swelling on both hind limbs off/on. Not very mobile. Continuing to decline and no real improvements with meds due to patient not eating and owner unable to get them down. Current Medications Injectable cerenia, SQ fluids, No oral meds for 2 days (metro and enroflox) Radiographic Findings Heart moderately enlarged, no other findings. On ultrasound liver enlargement noted.
Abnormal PE/Chem/CBC/UA Results: Anemic WBC elevated to 27.27 Glob-high at 4.6 Alkp-high at 841

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 pelvic urethra was imaged 2.0 cm beyond the cystourethral junction.

The **right 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 his age patient. Medullary structure differed distinctly from that of the cortex and no evidence of pelvic dilation was present. The right kidney measured 5.4 cm.

The **left kidney** revealed pyelectasia with pelvic calculi and enhanced surrounding mesentery, consistent with inflammation. A calculus measured approximately 1.0 cm. Trace pericapsular free fluid noted. The left kidney measured 5.4 cm.

INTERPRETED BY

Eric Lindquist, DMV,
DABVP, Cert. IVUSS

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 0.5 cm. The left adrenal gland measured 0.6 cm.

HOSPITAL NAME

Companion Pet Clinic

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.

REFERRING VET

Dr. Brandi Finney

Liver

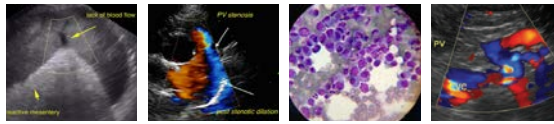
The **liver** images submitted revealed subjectively normal liver size, contour, and structure. Parenchymal echogenicity was naturally coarse and hypoechoic to the spleen. Vascular and biliary tracts were of normal volume with no evidence of congestion. The gallbladder wall was echogenic, consistent with fibrosis and mineralization, known as "porcelain" gallbladder. Micropolypoid changes noted.

INVOICE NUMBER

24620

DATE

8/13/21



PATIENT *Gastrointestinal*

Marley Williamson

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.

SPECIES

Canine

Pancreas

The **pancreas** was mildly swollen with slight duct dilation and irregular contour, measuring up to 2.0 cm in width.

BREED

Fox Terrier

ULTRASONOGRAPHIC FINDINGS

- Acute left renal nephritis/pyelonephritis with pelvic calculus and regional inflammation
- Geriatric abdomen elsewhere with porcelain gallbladder owing to chronic cholecystitis
- Concurrent pancreatitis suspected

SEX

Spayed Female

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

I recommend aggressive treatment for nephritis. Left nephrectomy may be necessary in this patient, or decompression procedure with interventional radiology. If surgery is to be performed, cholecystectomy should be considered given the porcelain gallbladder, calculi and polypoid changes that may be causing the clinical signs. Concurrent pancreatitis suspected.

AGE

11 Years

WEIGHT

15.69

INTERPRETED BY

Eric Lindquist, DMV, DABVP, Cert. IVUSS

HOSPITAL NAME

Companion Pet Clinic

REFERRING VET

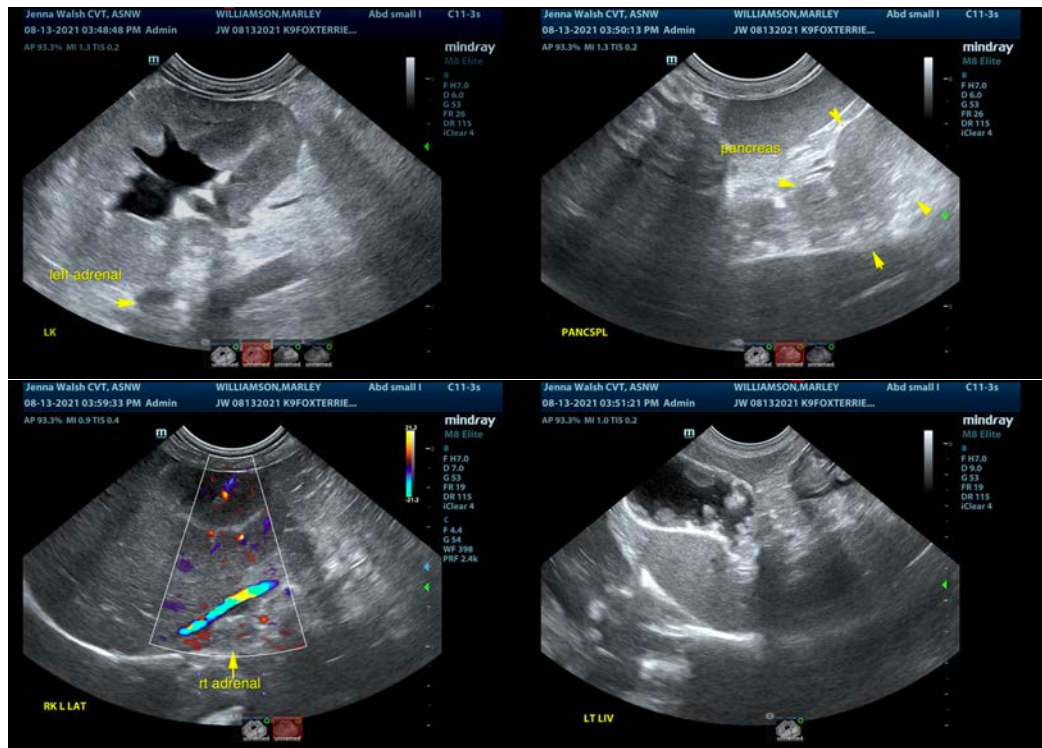
Dr. Brandi Finney

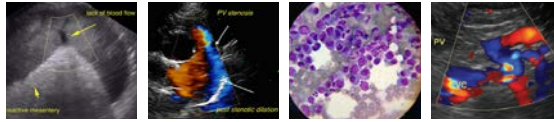
INVOICE NUMBER

24620

DATE

8/13/21





PATIENT

Marley Williamson

SPECIES

Canine

BREED

Fox Terrier

SEX

Spayed Female

AGE

11 Years

WEIGHT

15.69

INTERPRETED BY

Eric Lindquist, DMV,
DABVP, Cert. IVUSS

HOSPITAL NAME

Companion Pet Clinic

REFERRING VET

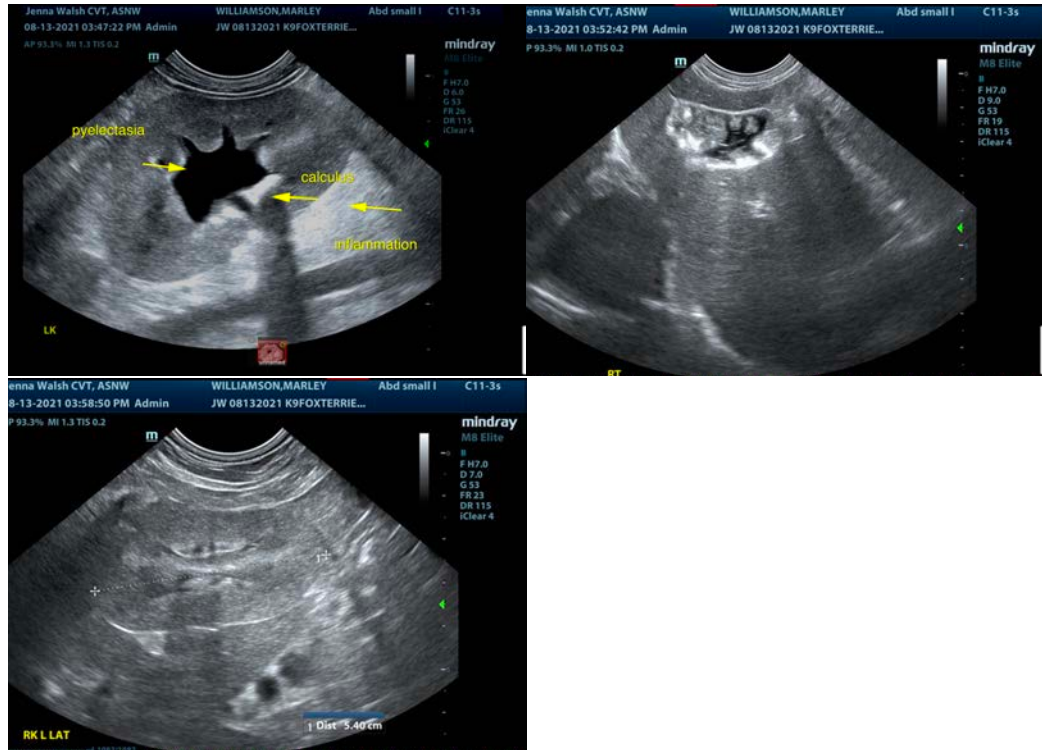
Dr. Brandi Finney

INVOICE NUMBER

24620

DATE

8/13/21



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