



PATIENT	PRESENTING CLINICAL SIGNS
Ninja Van Horsen	Large left kidney and right small kidney first noticed in 12/18/2020. On renal diet.
SPECIES	Abnormal PE/Chem/CBC/UA Results: See attached labs: Normal chemistry and urine concentration 2/2022.
Feline	BUN 20, Creatinine 1.2, FeLV/FIV negative
BREED	ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN
DSH	Urinary System
SEX	The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of 2.0 cm exhibited normal thickness and tone. Primarily anechoic urine was present in the lumen. Mild, nondependent, particulate sediment, which may indicate cellular debris / protein, crystalline debris, mucus, or lipid was present without evidence of calculus formation. The ureteral papillae were normal. The ureters were not visible which is normal. No evidence of inflammatory or neoplastic mural changes were noted.
MN	
AGE	
12 yrs	
WEIGHT	The area of the aortic trifurcation was free of pathology.
11.2 lbs	Subtle areas of minor capsule asymmetry with potential for cortical microinfarction were present in both kidneys. The renal cortex presented uniformly increased in echogenicity with uniform echotexture. The renal cortex appeared to be hypertrophied resulting in an altered cortex: medulla ratio. Mild to moderate loss of corticomedullary border demarcation, yet overall maintained corticomedullary architecture, was also present. The renal medullary volume was subjectively reduced. The left kidney exhibited essentially static size without evidence of progressive enlargement, measuring 5.0 cm in length. The right kidney was of similar size compared to the previous ultrasound, measuring 3.3 cm in length.
INTERPRETED BY	Adrenal Glands
R. McKenzie Daniel, DVM, DABVP (Canine and Feline)	The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.4 cm width. No overt pathology was noted in the area of the right adrenal gland.
IMAGING PERFORMED BY	Spleen
Jasmine Palacios	The spleen exhibited primarily finely textured parenchyma which was hyperechoic to the liver and renal cortical parenchyma. Mild generalized parenchyma heterogeneity was present without evidence of nodular changes. 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. The parenchymal heterogeneity is likely consistent with benign changes such as extramedullary hematopoiesis or age-related remodeling with minor potential for inflammatory or neoplastic disease. The spleen exhibited borderline mild prominent size, essentially similar appearance compared to the previous ultrasound, without evidence of progressive splenomegaly, measuring 1.0 cm width at the level of the hilus. No overt evidence of neoplastic criteria was noted.
HOSPITAL NAME	
Rivers Edge Pet MC	
REFERRING VET	
Dr. Bridget Hayes	
INVOICE	
15160	
DATE	
10/7/22	



PATIENT

Liver/ Gallbladder

Ninja Van Horsen

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. 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.

SPECIES

Feline

BREED

DSH

SEX

MN

AGE

12 yrs

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.

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 ileus, obstruction, or foreign material.

Normal visible colon wall layers were present with apparent formed feces in lumen.

WEIGHT

11.2 lbs

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 were evident.

INTERPRETED BY

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

Free Abdomen

No overt lymphadenopathy or peritoneal effusion was present.

IMAGING PERFORMED BY

Jasmine Palacios

ULTRASONOGRAPHIC FINDINGS

- Static bilateral chronic interstitial nephrosis renal pattern with essentially static left renomegaly
- Benign borderline splenomegaly - suspect benign/patient variant, potential for incidental hyperplasia, hematopoiesis, or splenitis, likely
- Mild urinary bladder sediment

HOSPITAL NAME

Rivers Edge Pet MC

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Further renal staging to include urine C/S and protein: creatinine ratio on sterile urine sample may be considered. CKD therapy is recommended if clinically indicated. Periodic monitoring of systemic BP would be appropriate.

REFERRING VET

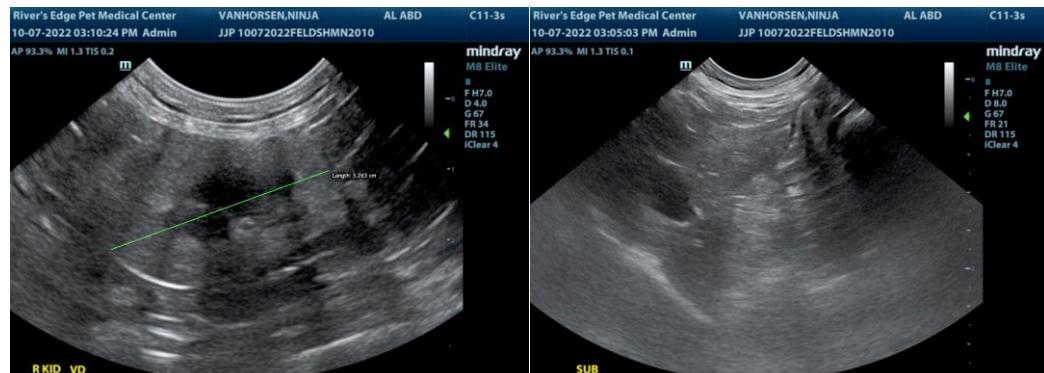
Dr. Bridget Hayes

INVOICE

15160

DATE

10/7/22





PATIENT

Ninja Van Horsen

SPECIES

Feline

BREED

DSH

SEX

MN

AGE

12 yrs

WEIGHT

11.2 lbs

INTERPRETED BY

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

IMAGING PERFORMED BY

Jasmine Palacios

HOSPITAL NAME

Rivers Edge Pet MC

REFERRING VET

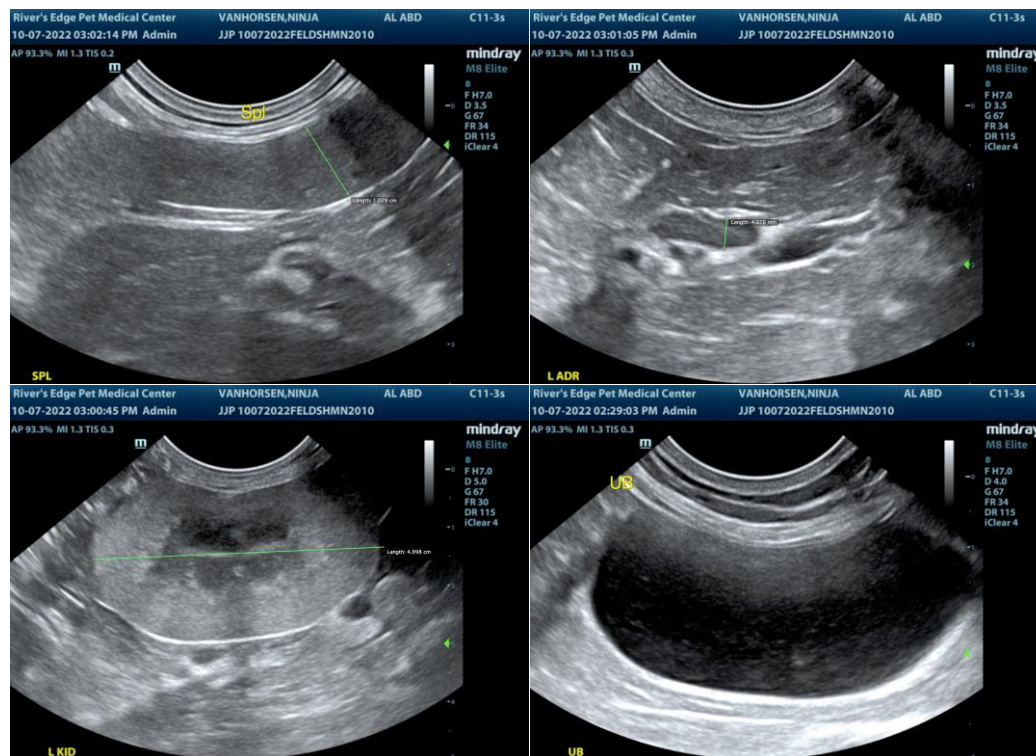
Dr. Bridget Hayes

INVOICE

15160

DATE

10/7/22



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.

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