



PATIENT	PRESENTING CLINICAL SIGNS
Moose Rivera	History: Vomiting chunks of blood.
SPECIES	ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN
Canine	Urinary System
BREED	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 was noted. Ureteral papillae were normal.
Yorkshire Terrier	
SEX	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 2.9 cm. The right kidney measured 2.78 cm. 0
Neutered male	
AGE	
8 months	
WEIGHT	Adrenal Glands
5.4 lbs	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 left adrenal gland measured 1.28 x 0.36 cm. The right adrenal gland measured 1.28 x 0.36 cm.
INTERPRETED BY	Spleen
Eric Lindquist, DMV 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 was noted.
IMAGING PERFORMED BY	Liver
Shari Reffi, CVT	The liver was subnormal in size with intrahepatic and extrahepatic vascularity appeared normal. There was no evidence of portosystemic shunting. However, portal hypoplasia may be an issue. The portal vein to vena cava ratio was 1:1 and measured 0.4 cm at the portal vein and 0.5 cm at the vena cava. 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.
HOSPITAL NAME	
Rockaway AH	
REFERRING VET	
Dr. Maniar	
INVOICE	
92900	
DATE	
11/5/21	



PATIENT

Gastrointestinal

Moose Rivera

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

BREED

Yorkshire Terrier

Pancreas

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.

SEX

Neutered male

ULTRASONOGRAPHIC FINDINGS

Microhepatica, possible portal hypoplasia.

AGE

8 months

Otherwise, unremarkable abdomen.

WEIGHT

5.4 lbs

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

There was no evidence of portosystemic shunting. Bile acid profile is warranted to assess for early hepatic dysfunction. Supportive care should prove effective otherwise.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Shari Reffi, CVT

HOSPITAL NAME

Rockaway AH

REFERRING VET

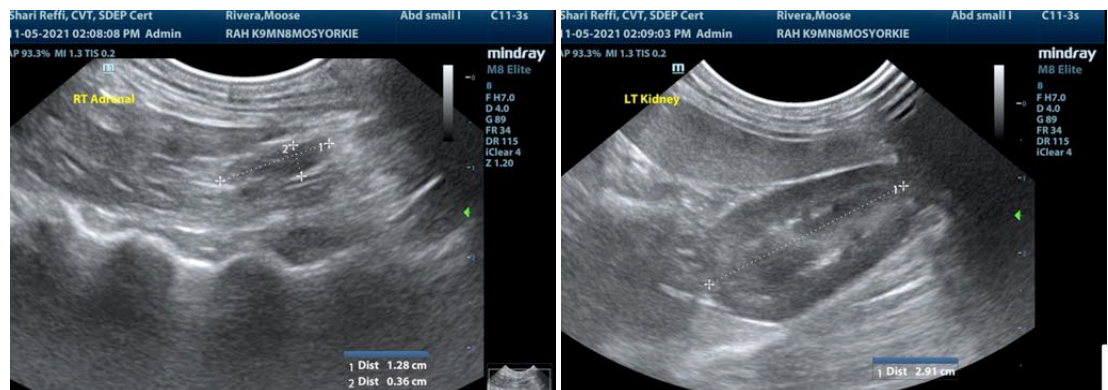
Dr. Maniar

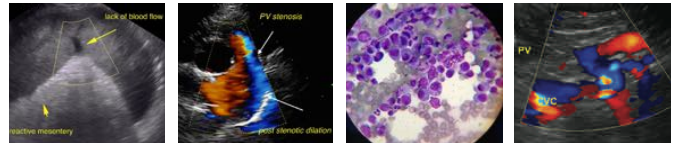
INVOICE

92900

DATE

11/5/21





PATIENT

Moose Rivera

SPECIES

Canine

BREED

Yorkshire Terrier

SEX

Neutered male

AGE

8 months

WEIGHT

5.4 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Shari Reffi, CVT

HOSPITAL NAME

Rockaway AH

REFERRING VET

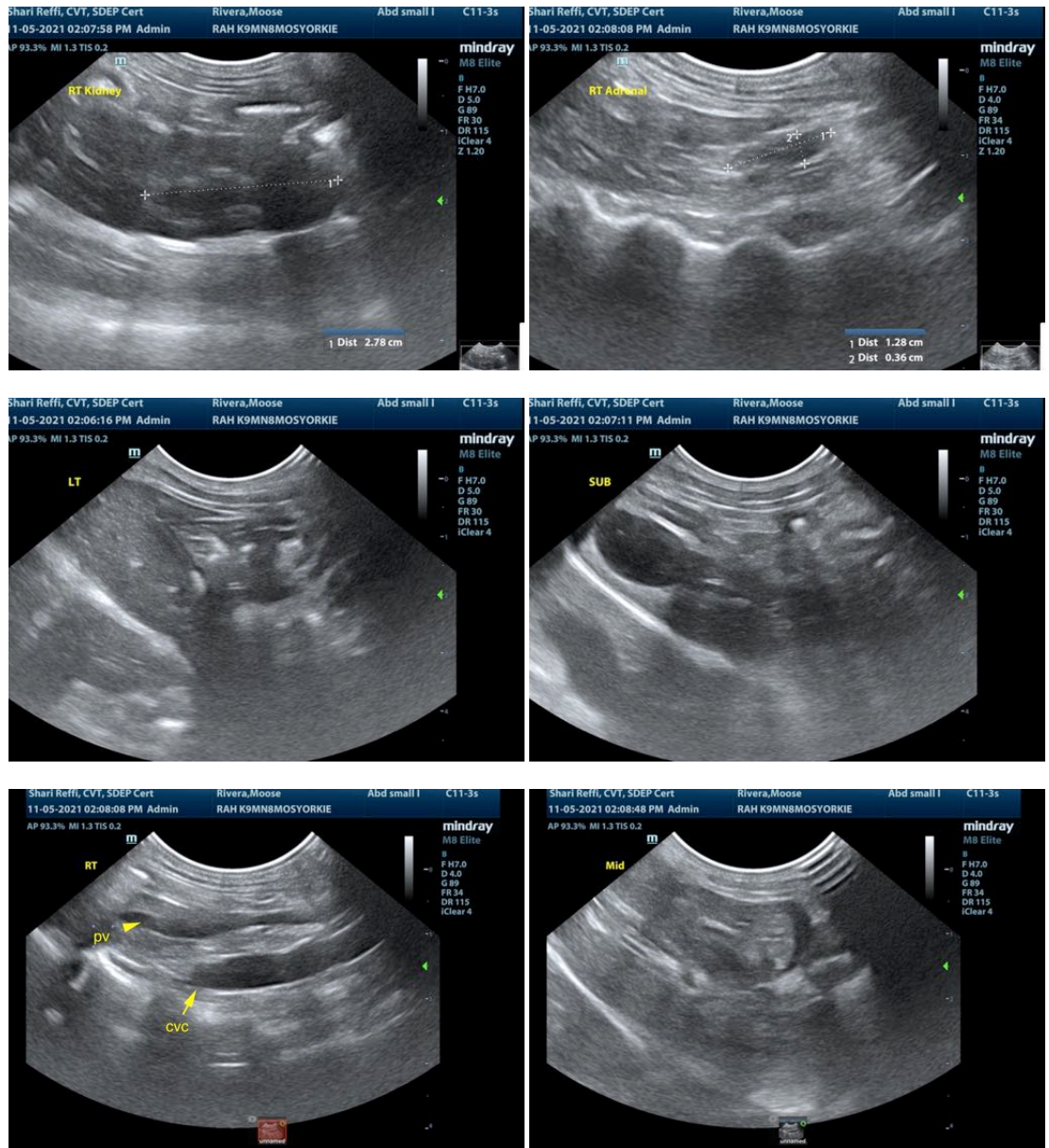
Dr. Maniar

INVOICE

92900

DATE

11/5/21



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