



PATIENT	PRESENTING CLINICAL SIGNS
Hopkins Kalachman	History: PU/PD lethargy hepatopathy
SPECIES	ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN
Feline	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.
Domestic Shorthair	
SEX	The kidneys presented a relatively uniform cortical hyperechogenicity when compared to the renal medulla, spleen and liver. No overt masses were noted. Corticomedullary definition was nebulous and the ratio favored the cortex slightly. The ureters were not visible and assumed to be normal. These changes are most consistent with chronic interstitial nephritis yet infiltrative disease could not be entirely ruled out without biopsy though neoplasia is not suspected. The right kidney measured 4.54 cm. The left kidney measured 3.61 cm.
Neutered male	
AGE	
11 years	
WEIGHT	Adrenal Glands
15.2 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.
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
Jenn	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 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	
30876	
DATE	Gastrointestinal
6/7/22	A minor amount of non-shadowing, non-obstructive ingesta was noted in the stomach . Transit of chyme into the small intestine was normal. Curvilinear patterns were maintained throughout the GI tract. No



PATIENT
Hopkins Kalachman

evidence of pathology. 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
Feline

Pancreas

The base and limbs of the **pancreas** were observed to be largely isoechoic to surrounding omental fat. Some parenchymal remodeling, however, with mild deviation from curvilinear normalcy was observed. Pancreatic duct and capsular irregularities were present consistent with age related changes. If pain upon imaging (+ Murphy sign) was present or if the patient is focally painful in subxiphoid palpation then low-grade smoldering chronic pancreatitis should be suspected.

BREED
Domestic Shorthair

SEX
Neutered male

Free Abdomen

Some reactive mesentery was noted associated with the intestinal tract.

AGE
11 years

ULTRASONOGRAPHIC FINDINGS

Minor intestinal thickening with slight reactive mesentery.

WEIGHT
15.2 lbs

Chronic interstitial nephrosis renal pattern.

INTERPRETED BY

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Eric Lindquist, DMV
DABVP, Cert. IVUSS

There were no organs that met metastatic criteria. Given the PU/PD I am concerned for emerging renal failure in this patient. Renal parameters and urinalysis should be evaluated carefully. There were no other causes of PU/PD evident.

IMAGING PERFORMED BY

Jenn

HOSPITAL NAME

Rockaway AH

REFERRING VET

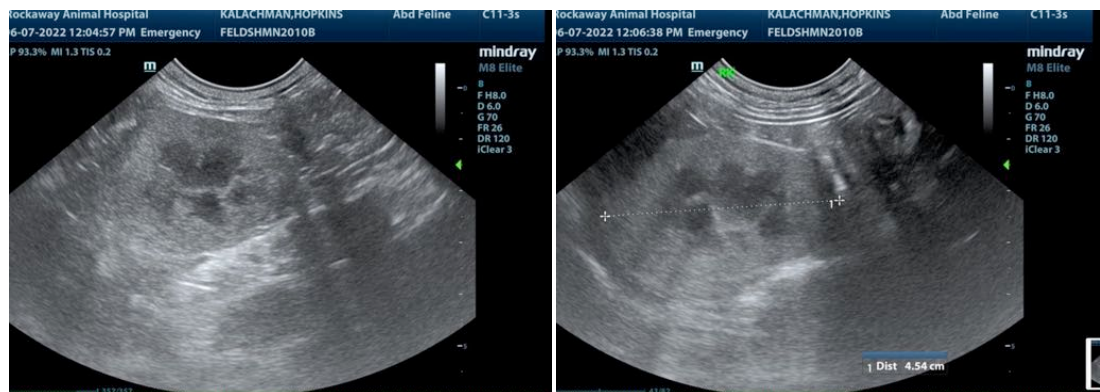
Dr. Maniar

INVOICE

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DATE

6/7/22





PATIENT

Hopkins Kalachman

SPECIES

Feline

BREED

Domestic Shorthair

SEX

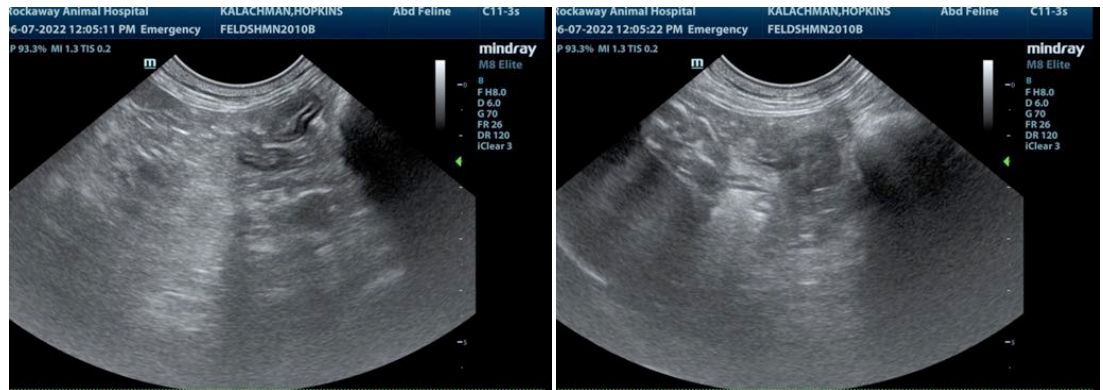
Neutered male

AGE

11 years

WEIGHT

15.2 lbs



INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

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.

IMAGING PERFORMED BY

Jenn

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.

HOSPITAL NAME

Rockaway AH

Eric Lindquist, DMV, DABVP, Cert. IVUSS, CEO of SonoPath.com
info@SonoPath.com

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