



PATIENT

Phinias Kalachman

SPECIES

Feline

BREED

Domestic Shorthair

SEX

Neutered male

AGE

4 years

WEIGHT

11 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Jenn

HOSPITAL NAME

Rockaway AH

REFERRING VET

Dr. Manair

INVOICE

96618

DATE

3/8/22

PRESENTING CLINICAL SIGNS

History: hematuria, hx of bladder stones, indoor/outdoor cat, could be drinking more

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The **urinary bladder** presented a moderate amount of suspended debris. Approximately 1.0 cm of dependent sand was noted and non-obstructive at the time of the sonogram. A trace amount of sand was noted in the proximal pelvic urethra.

The **kidneys** were normal in size and contour with mild, non-specific increased cortical echogenicity. This is consistent with remodeling. The left kidney measured 4.64 cm. The right kidney measured 4.5 cm.

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.

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 was noted.

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 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.

Gastrointestinal

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.



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Pancreas

Phinias Kalachman

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.

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Feline

ULTRASONOGRAPHIC FINDINGS

BREED

Mild degenerative renal changes.

Domestic Shorthair

Bladder sand and debris.

SEX

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Neutered male

Full urinary work-up is warranted. There is no other evidence of structural pathology. IF cystostomy is to be performed for bladder lavage then ultrasound should be done prior to surgery to ensure that the sand is persistently present. However, minimal acoustic shadowing is present. Therefore, the debris and sand should be readily dissolvable.

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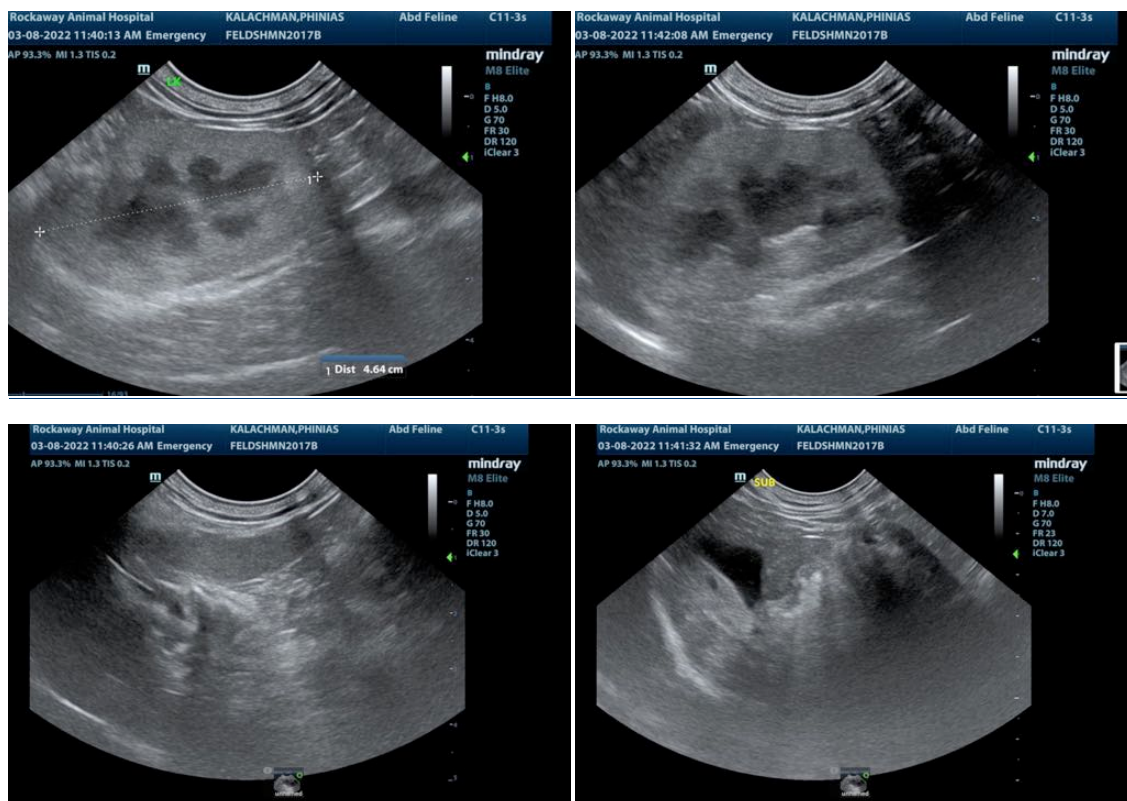
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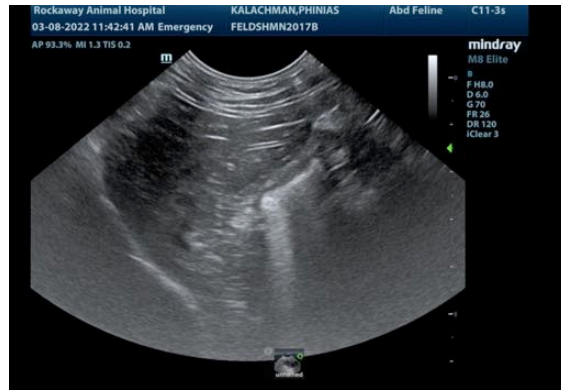
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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