



**PATIENT**

Oscar Nebel

**SPECIES**

Feline

**BREED**

DLH

**SEX**

Neutered Male

**AGE**

10 Years

**WEIGHT**

13.5 Pounds

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

**IMAGING  
PERFORMED BY**

Jenn

**HOSPITAL NAME**

Rockaway AH

**REFERRING VET**

Dr. Maniar

**INVOICE**

16041

**DATE**

6/13/22

**PRESENTING CLINICAL SIGNS**

History: increased drinking

**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 **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 moderate chronic interstitial nephritis yet infiltrative disease could not be entirely ruled out without biopsy though neoplasia is not suspected. The left kidney measured 4.5 cm. The right kidney measured 4.8 cm. Blood flow to the kidneys appeared to be subnormal. A slight irregular nodule was noted dorsal cranial to the left kidney. The nodule measured 3.0 mm with mild hyperechoic inflammatory pattern around the nodule. This lesion should be monitored on follow-up.

**Adrenal Glands**

The regions of the **adrenal glands** revealed no evident pathology.

**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.

**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.

**Pancreas**



**PATIENT**

Oscar Nebel

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.

**SPECIES**

Feline

**ULTRASONOGRAPHIC FINDINGS**

- Moderate degenerative renal changes/interstitial nephrosis pattern with slight irregular nodule at the left kidney
- Unremarkable abdomen otherwise

**BREED**

DLH

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Full urinary work-up warranted in this patient. I'm concerned for emerging renal failure, as the kidneys subjectively appear near end-stage.

**SEX**

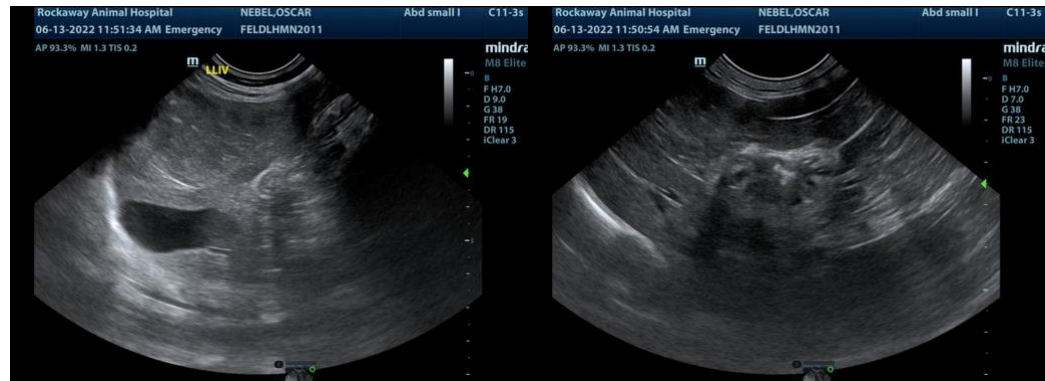
Neutered Male

**AGE**

10 Years

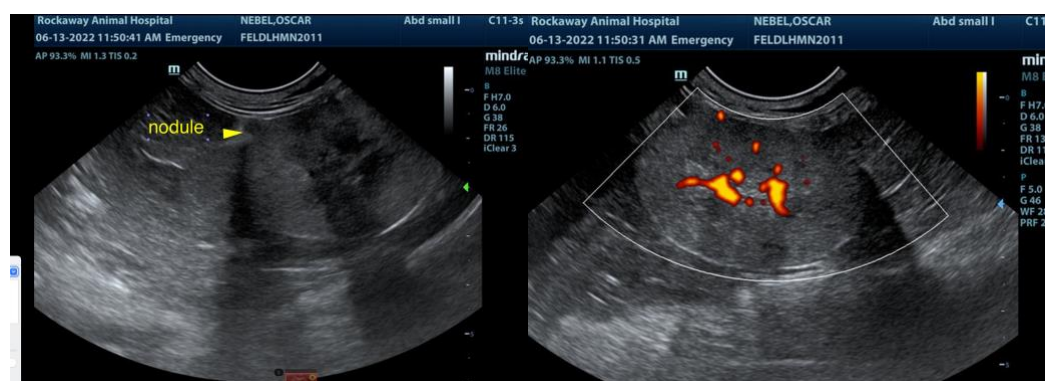
**WEIGHT**

13.5 Pounds



**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

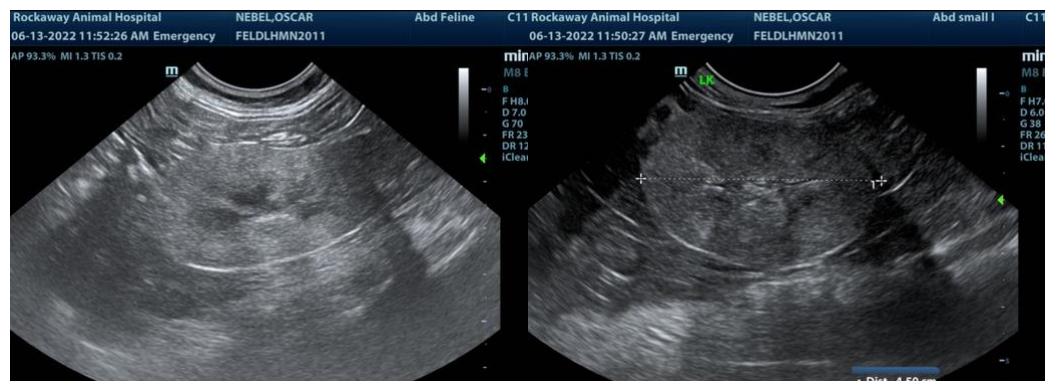


**IMAGING PERFORMED BY**

Jenn

**HOSPITAL NAME**

Rockway AH



**REFERRING VET**

Dr. Maniar

**INVOICE**

16041

**DATE**

6/13/22



**PATIENT**

Oscar Nebel

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.

**SPECIES**

Feline

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.

**BREED**

DLH

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

**SEX**

Neutered Male

**AGE**

10 Years

**WEIGHT**

13.5 Pounds

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

**IMAGING  
PERFORMED BY**

Jenn

**HOSPITAL NAME**

Rockaway AH

**REFERRING VET**

Dr. Maniar

**INVOICE**

16041

**DATE**

6/13/22