



**PATIENT**

Louie Santomassimo

**PRESENTING CLINICAL SIGNS**

History: re check. check renal status

**SPECIES**

Canine

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

**Urinary System**

The **urinary bladder** revealed a minor amount of sand, measuring 1.0 cm, nonobstructive. The pelvic urethra was imaged 1.0 cm beyond the cystourethral junction.

**BREED**

Schnauzer Mix

Both **kidneys** presented moderate chronic interstitial nephrosis pattern. Pyelectasia was noted in the right kidney. The right kidney measured 3.83 cm. Minor pyelectasia was noted in the left kidney. The left kidney measured 3.98 cm. Blood flow to the kidneys appeared to be adequate on power doppler assessment.

**SEX**

Neutered Male

**Adrenal Glands**

The **left adrenal gland** was normal in size and contour, measuring 1.38 cm x 0.54 cm at the caudal pole and 0.47 cm at the cranial pole.

**AGE**

10 Years

The **right adrenal gland** was swollen, measuring 1.71 cm x 1.28 cm at the cranial pole and 0.75 cm at the caudal pole.

**WEIGHT**

17 Lbs.

**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.

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

**Liver**

The **liver** was uniformly swollen. The liver presented coarse architecture with mildly increased portal markings and subtle, mixed echogenic changes. This is consistent with minor vacuolar hepatopathy and some level of remodeling and history of inflammatory component. There was no overt suspicion of neoplasia.

**IMAGING PERFORMED BY**

Jenn

**HOSPITAL NAME**

Rockaway AH

The **gallbladder** was mildly over distended with suspended and dependent debris, yet not to the level of emerging mucocele, yet sludge appears to be mildly excessive. No adjunctive inflammation was noted.

**REFERRING VET**

Dr. Maniar

**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.

**INVOICE**

13589

**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.

**DATE**

1/24/22



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**DATE**

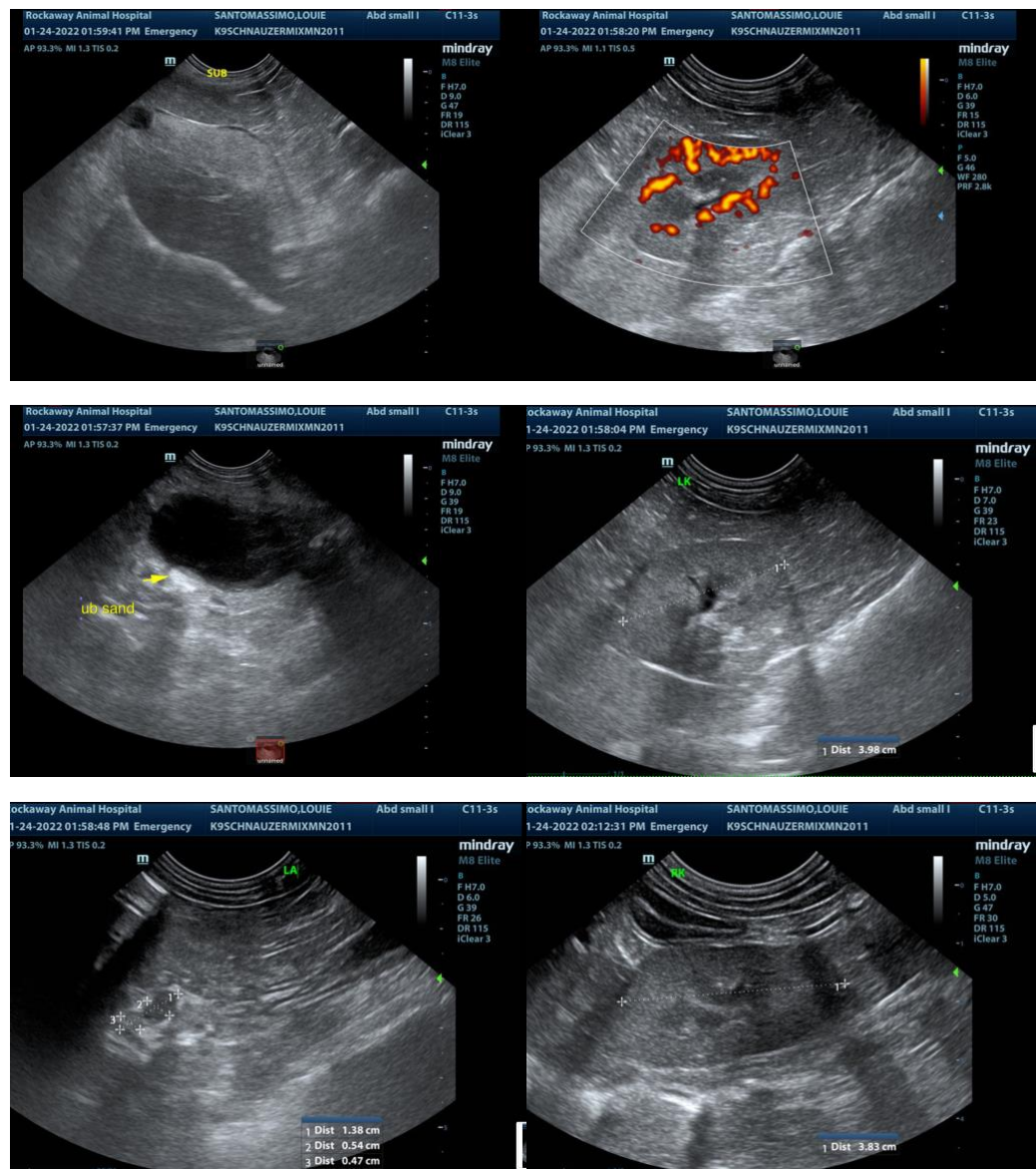
1/24/22

**ULTRASONOGRAPHIC FINDINGS**

- Moderate chronic degenerative renal changes with minor pyelectasia
- Minor urinary bladder sand
- Enlarged mildly irregular right adrenal gland
- Vacuolar hepatopathy

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Medical management based on CBC/chem/UA results.





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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