



PATIENT PRESENTING CLINICAL SIGNS

Niko Quesadel Pancreatitis, gastritis, (stomach thickened), IVDD,
Abnormal PE/Chem/CBC/UA Results: Elevated SDMA, u/a pending

SPECIES ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Canine **Urinary System**

BREED The **urinary bladder** and visible pelvic urethra were unremarkable for the level of repletion presented. The urine, however, did present some mildly echogenic debris consistent with mucous, exfoliated cells from renal or bladder origin, and/or blood clots as these echogenic changes can all present similarly. This is often related to urinary tract infection but may represent simple evidence of exfoliated debris or sterile inflammation. Cystocentesis, urinalysis, +/- culture would be recommended to rule out and define any UTI.

Maltese

SEX

Neutered male The residual prostate measured 0.4 cm.

AGE

4 years

The **kidneys** revealed minor irregular renal structure and contour. Mineralization was noted in the kidneys. The right kidney measured 3.6 cm. The left kidney measured 3.62 cm.

Adrenal Glands

WEIGHT

9.8 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 right adrenal gland measured 1.43 x 0.39 cm at the cranial pole and 0.46 cm at the caudal pole. The left adrenal gland measured 1.84 x 0.37 cm at the caudal pole and 0.49 cm at the cranial pole.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

Spleen

IMAGING PERFORMED BY

Shari Reffi, CVT

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.

HOSPITAL NAME

Rockaway AH

Liver

REFERRING VET

Dr. Maniar

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.

INVOICE

DATE

1/14/22



PATIENT

Gastrointestinal

Niko Quesadel

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

Maltese

SEX

Neutered male

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.

AGE

4 years

ULTRASONOGRAPHIC FINDINGS

Urinary debris.

Minor pancreatic remodeling.

WEIGHT

9.8 lbs

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Urinary work-up is warranted. Supportive care should prove effective regarding the upper gastrointestinal signs; however, urinary tract issues should be addressed following urinalysis results.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Shari Reffi, CVT

HOSPITAL NAME

Rockaway AH

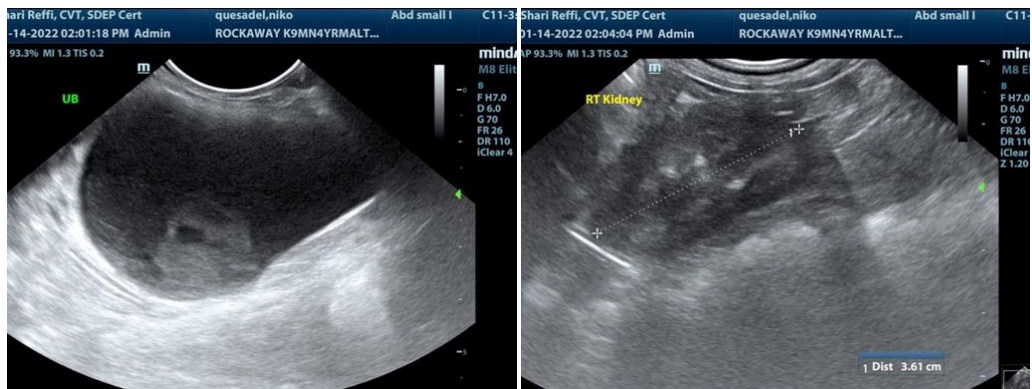
REFERRING VET

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PATIENT

Niko Quesadel

SPECIES

Canine

BREED

Maltese

SEX

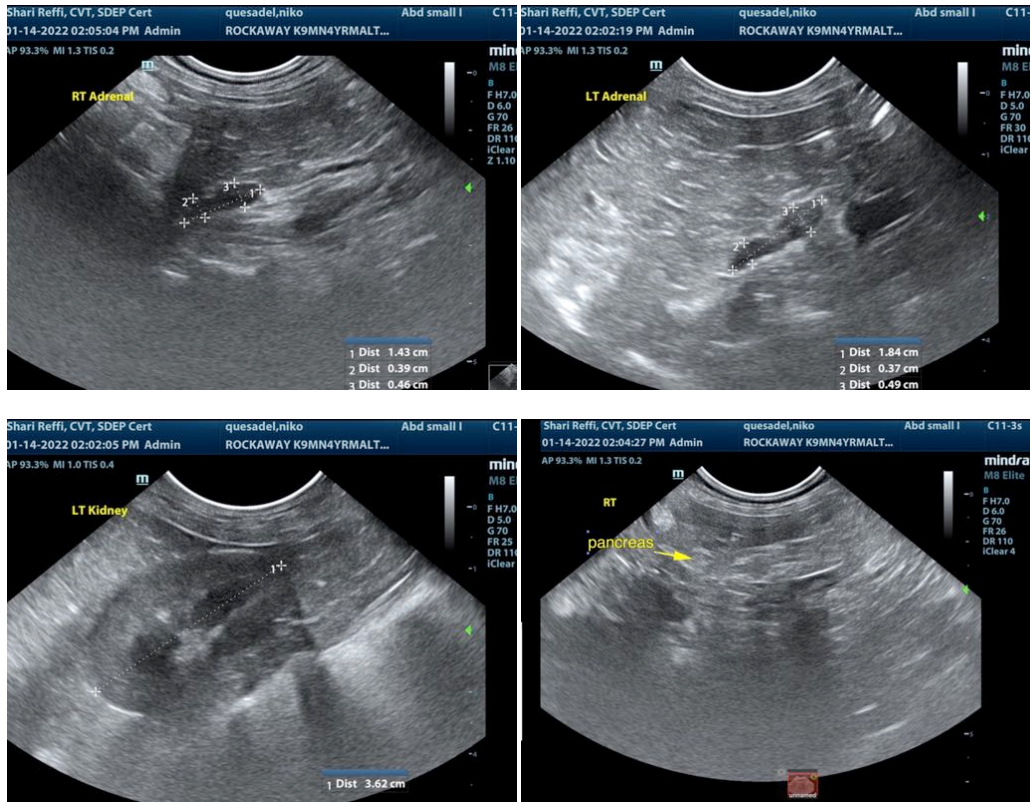
Neutered male

AGE

4 years

WEIGHT

9.8 lbs



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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.

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