



**PATIENT PRESENTING CLINICAL SIGNS**

Charlie Santana lethargic anorexia vomiting blood

**SPECIES ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

**Canine Urinary System**

**BREED**

Poodle X

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 pelvic urethra was imaged 2.0 cm beyond the cystourethral junction.

**SEX**

Neutered Male

The **kidneys** revealed normal size and structure, corticomedullary definition and ratio for this age. The cortices presented largely uniform texture with normal echogenic relationship to liver and spleen. Medullary structure differed distinctly from the cortex and no evidence of pelvic dilation was present. The capsules were acceptably uniform without significant irregularities. The right kidney measured 4.5 cm. The left kidney measured 5.45 cm.

**AGE**

1 Year

**Adrenal Glands**

Both **adrenal glands** appeared subnormal in size. Screening for Addison's would be appropriate with ACTH stimulation, given the patient history. The left adrenal gland measured 1.42 cm x 0.37 cm at the caudal pole and 0.39 cm at the cranial pole. The right adrenal gland measured 0.30 cm.

**WEIGHT**

32 Pounds

**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**

**IMAGING PERFORMED BY**

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

**Gastrointestinal**

**REFERRING VET**

Dr. Maniar

Minor fluid accumulation noted in the **stomach**. Echogenic mucosal changes noted. No overt ulcers present. However, microulcerative disease or significant gastritis suspected, given the patient history. The small intestine was unremarkable.

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**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**

1/31/22



**PATIENT**

Charlie Santana

**ULTRASONOGRAPHIC FINDINGS**

- Flattened adrenal glands
- Gastritis suspected

**SPECIES**

Canine

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Screening for Addison's warranted. Treatment for gastritis indicated. No evidence of foreign body. Dietary indiscretion, food intolerance, structurally insignificant inflammatory bowel or occult parasitism and occult Addison's are all potentials.

**BREED**

Poodle X

**SEX**

Neutered Male

**AGE**

1 Year

**WEIGHT**

32 Pounds

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

**IMAGING PERFORMED BY**

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**HOSPITAL NAME**

Rockway AH

**REFERRING VET**

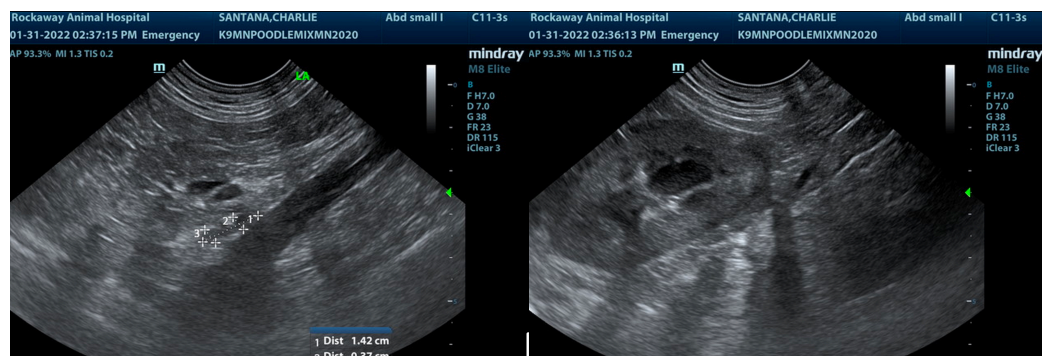
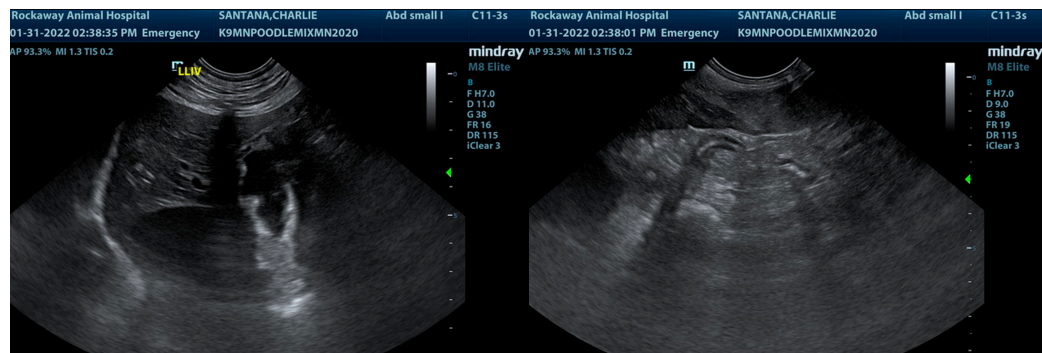
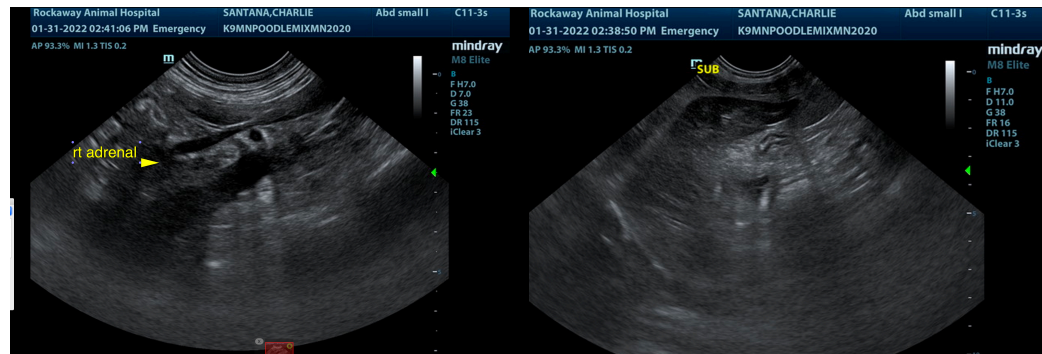
Dr. Maniar

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**PATIENT**

Charlie Santana

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.

**SPECIES**

Canine

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](mailto:info@SonoPath.com)

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**SEX**

Neutered Male

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