



PATIENT PRESENTING CLINICAL SIGNS

PATIENT Rooney Attanasio Vomiting inappetence concern for pancreatitis, No vomiting since hospitalization 8/12 but still not eating.

SPECIES Canine Abnormal PE/Chem/CBC/UA Results: CPL norm mild neutrophilia ALT 144 ALP 221 Bilirubin 667 Patient on long term pheno.

BREED ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

BREED Chi X *Urinary System*

SEX Neutered Male 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.

AGE 10 The **kidneys** revealed largely normal size and structure, corticomedullary definition and ratio (cortex 1/3 of medulla) were essentially maintained with some age-related loss of curvilinear patterns regarding the capsule and C/M junction. The cortices presented largely uniform texture with some increased echogenicity expected for his age patient. Medullary structure differed distinctly from that of the cortex and no evidence of pelvic dilation was present. Mineralization noted in both kidneys. The right kidney measured 4.07 cm. The left kidney measured 4.07 cm.

WEIGHT 15.2

INTERPRETED BY Adrenal Glands

INTERPRETED BY Eric Lindquist, DMV DABVP, Cert. IVUSS 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 1.5 cm x 0.56 cm at the caudal pole and 0.77 cm at the cranial pole. The left adrenal gland measured 2.0 cm x 0.50 cm.

IMAGING PERFORMED BY Spleen

IMAGING PERFORMED BY Jenn 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.

HOSPITAL NAME Liver

HOSPITAL NAME Rockaway AH The **liver** presented mild increased portal markings, coarse architecture, and hypoechoic parenchyma with mild swelling. The gallbladder and common bile duct were unremarkable.

REFERRING VET Gastrointestinal

REFERRING VET Dr. Harrs Examination of the **gastrointestinal tract** revealed an unremarkable stomach and small intestine regarding structure. There were minor areas of luminal fluid noted. There was no evidence of obstructive pattern. Curvilinear patterns were retained throughout the gastrointestinal tract. Areas of hyperperistalsis were noted. This is consistent with response to irritation. The colon was unremarkable.

INVOICE Pancreas

44658

DATE

8/14/23



PATIENT

Rooney Attanasio

The **pancreas** revealed extensive mixed hypoechoic parenchymal changes with enhanced surrounding mesentery and irregular contour.

SPECIES

Canine

ULTRASONOGRAPHIC FINDINGS

- Gastroenteritis/pancreatitis pattern
- Hypoechoic liver
- Age related renal changes with mineralization

BREED

Chi X

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The liver appears structurally unremarkable. If the bilirubin elevation is persistent, then FNA indicated and Leptospirosis titers warranted. 72-hour IV fluid protocol, 24-hour NPO, GI protectants, pain management, plasma expanders all indicated. Recheck sonogram in 72 hours. Pancreatic neoplasia cannot be completely ruled out. FNA of the hypoechoic region would be ideal.

AGE

10

WEIGHT

15.2

INTERPRETED BY

Eric Lindquist, DMV

DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Jenn

HOSPITAL NAME

Rockaway AH

REFERRING VET

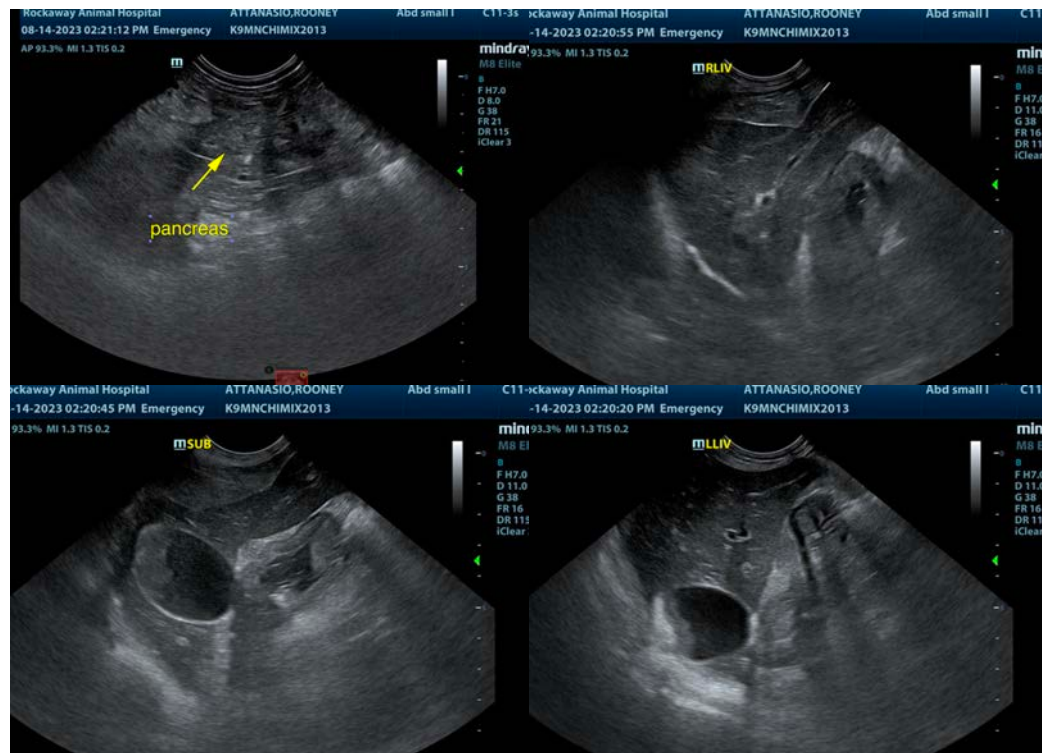
Dr. Harrs

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PATIENT

Rooney Attanasio

SPECIES

Canine

BREED

Chi X

SEX

Neutered Male

AGE

10

WEIGHT

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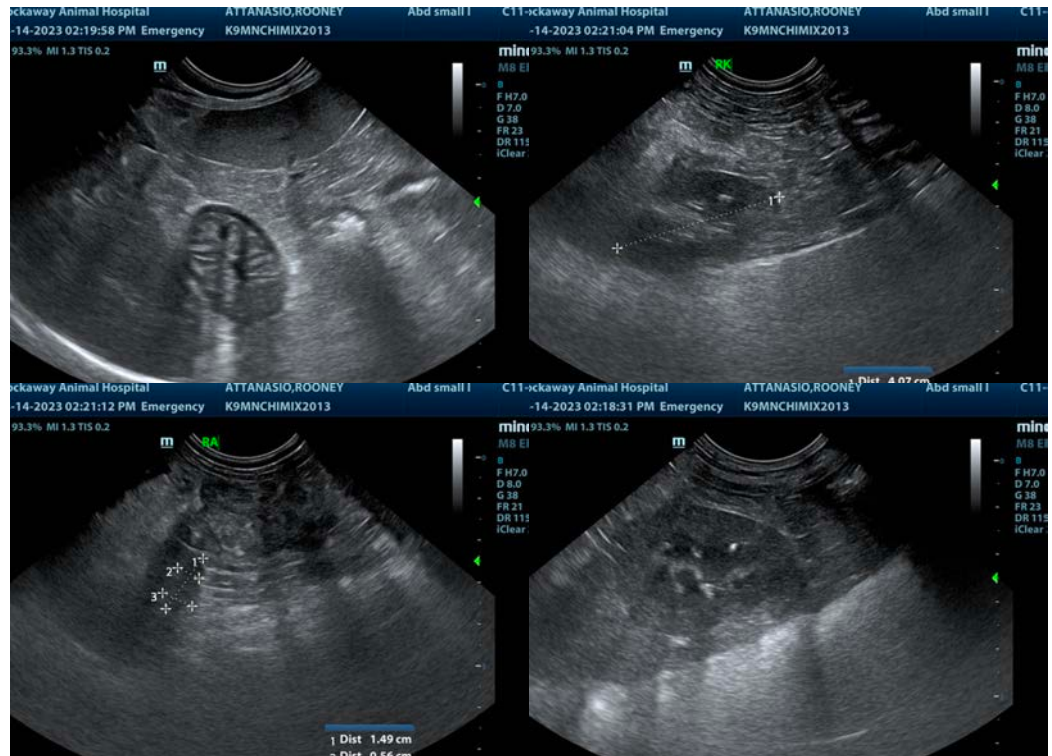
Dr. Harris

INVOICE

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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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