



PATIENT PRESENTING CLINICAL SIGNS

Charlie Munoz History: consumed corn cob vomiting

Abnormal PE/Chem/CBC/UA Results:

SPECIES

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

BREED

Bulldog

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 1.0 cm beyond the cystourethral junction.

SEX

Neutered Male

The **kidneys** revealed largely normal size and structure, corticomedullary definition and ratio (cortex 1/3 of medulla) were essentially maintained with some mild 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. The left kidney measured 5.85 cm. The right kidney measured 5.85 cm.

AGE

10 Years

Adrenal Glands

WEIGHT

63.5 Pounds

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 2.33 cm x 10.2 cm at the caudal pole and 1.09 cm at the cranial pole. The left adrenal gland measured 1.8 cm x 0.5 cm.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

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.

IMAGING PERFORMED BY

Jenn

Liver

HOSPITAL NAME

Rockaway AH

The **liver** revealed normal size, increased portal markings and coarse architecture. The gallbladder and common bile duct were unremarkable.

Gastrointestinal

REFERRING VET

Dr. Maniar

The **stomach** in this patient revealed a 3.0 cm shadowing structure, non-obstructive, however, corn cob or similar material likely. The small intestine and colon were unremarkable.

Pancreas

INVOICE

13191

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

9/20/21

ULTRASONOGRAPHIC FINDINGS

- Pyloric foreign structure, likely organic- may dissolve on its own



PATIENT

Charlie Munoz

- Liver, increased portal markings and coarse architecture
- Age-related renal changes

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

SPECIES

Recheck sonogram after 24-hour NPO recommended.

Canine

BREED

Bulldog

SEX

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HOSPITAL NAME

Rockaway AH

REFERRING VET

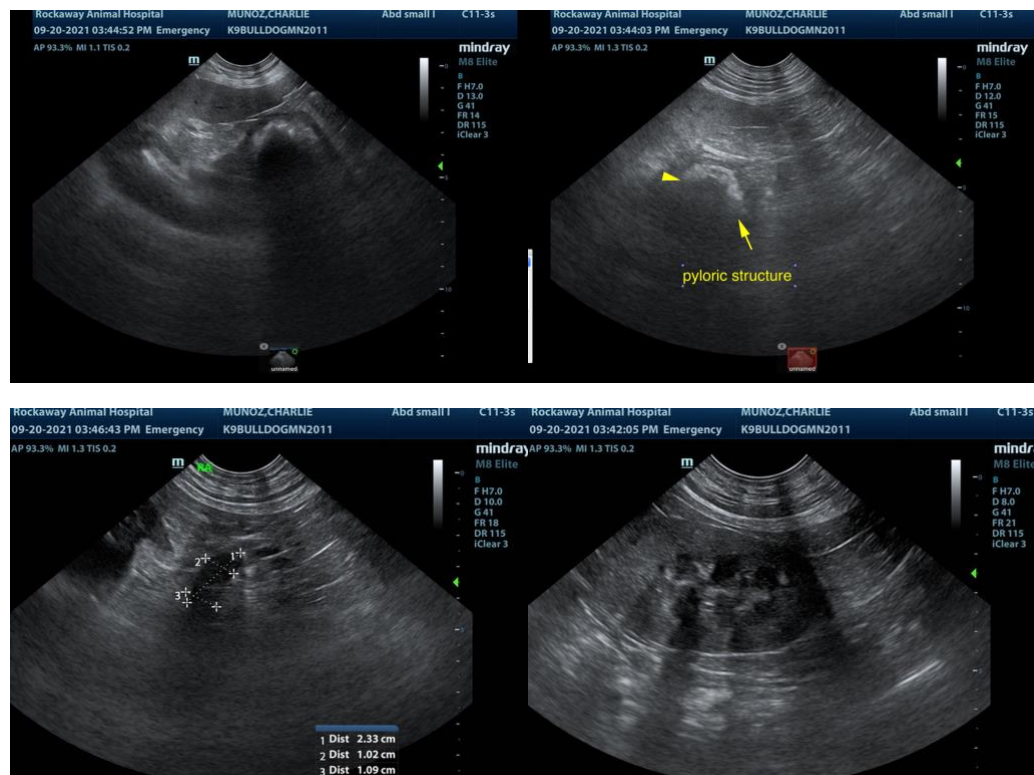
Dr. Maniar

INVOICE

13191

DATE

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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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