



PATIENT

Mimushko Perez

SPECIES

Canine

BREED

Yorkie

SEX

Neutered Male

AGE

8 Years

WEIGHT

10.4 Pounds

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Jenn

HOSPITAL NAME

Rockaway AH

REFERRING VET

Dr. Kahn

INVOICE

31997

DATE

7/27/22

PRESENTING CLINICAL SIGNS

History: sprayed by skunk then acute onset lethargy vomiting hemorrhagic diarrhea concern for sepsis
Current meds Plyte dextrose Metro Unasyn Cerenia Aluminum Hydroxide

Abnormal PE/Chem/CBC/UA Results: HCT 78% WBC 17.8 Mono 1.65 Glu 36 Creat 3.6 BUN 42 Phos <16 Glob 5.4 ALP 309 Chol 430

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

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 **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 3.63 cm. The left kidney measured 3.91 cm.

Adrenal Glands

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 left adrenal gland measured 1.73 x 0.54 cm at the caudal pole and 0.58 cm at the cranial pole.

Spleen

The **spleen** in this patient was uniform, yet volume contracted. Hydration status should be assessed.

Liver

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.

Gastrointestinal

Examination of the **gastrointestinal tract** revealed a stomach that was severely over distended with fluid. The pylorus was dilated. Some shadowing material was noted in the upper pyloric outflow. This is



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suggestive for obstruction. The intestines were free of stasis, of normal wall thickness, acceptable curvilinear mural detail, and peristaltic activity. The colon was fluid filled.

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Pancreas

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The **pancreas** was heterogenous with mixed echogenic changes.

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Free Abdomen

Yorkie

Reactive mesentery was noted throughout the cranial abdomen.

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ULTRASONOGRAPHIC FINDINGS

- Gastric obstructive pattern with reactive mesentery and concurrent pancreatitis.

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

I recommend 24-hour IV fluid support, recheck sonogram to assess if the obstructive pattern is persistent. I recommend aggressive plasma expanders, GI protectants and repeat scan after 12 hours n.p.o. to assess if the obstructive pattern is persistent.

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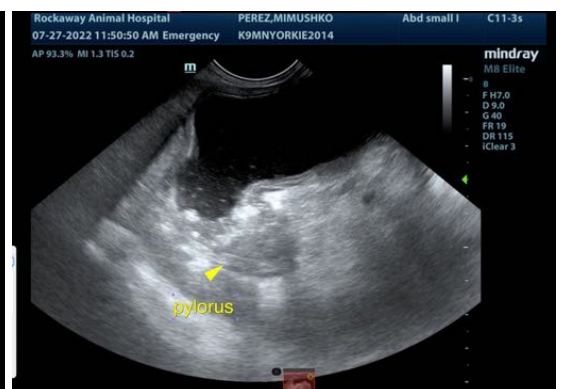
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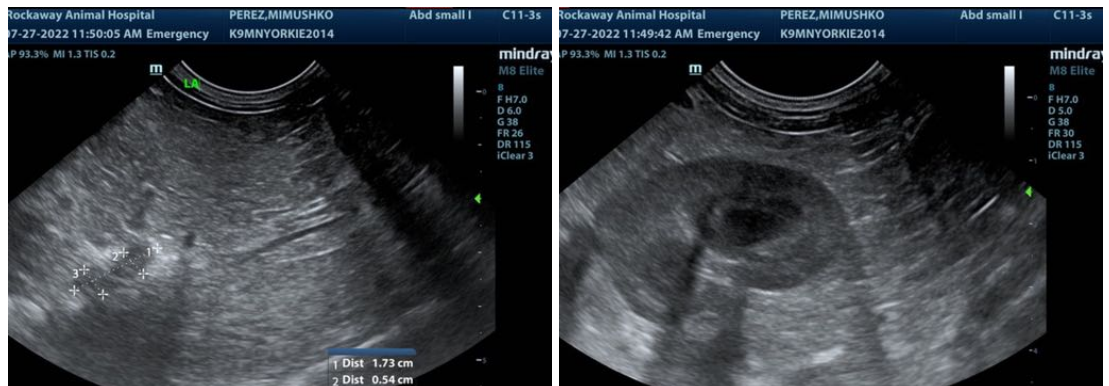
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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
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