



PATIENT

Winston Gavurion

PRESENTING CLINICAL SIGNS

Vomiting/diarrhea.

SPECIES

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

BREED

Cavalier King Charles
Spaniel

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 was noted. Ureteral papillae were normal.

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 left kidney measured 4.33 cm.

AGE

4 years

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

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.

**IMAGING
PERFORMED BY**

Eric Lindquist, DMV
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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 was noted.

HOSPITAL NAME

Rockaway AH

REFERRING VET

Dr. Maniar

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.

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Gastrointestinal

Winston Gavurion

The **gastric** wall revealed pyloric hypertrophy with empty lumen other than anechoic fluid. Variable areas of small intestinal thickening and hyperperistalsis were noted. Reactive mesentery was noted. A slight amount of free fluid was noted adjacent to the small intestine. The colon revealed fairly hard stool material. Passage of foreign matter into the colon may be an issue. Some hyperechoic structures were noted in the intestine. This may be related to worm burden.

SPECIES

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Pancreas

Cavalier King Charles
Spaniel

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.

SEX

Neutered male

ULTRASONOGRAPHIC FINDINGS

AGE

4 years

Partial obstructive pattern in the small intestine, yet no foreign body was noted. This is likely owing to regional dysfunctional bowel.

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

I recommend a fresh fecal smear and fecal floatation analysis. Empirical treatment for gastroenteritis and underlying parasites is recommended as well as monitoring of stool production for any passage of foreign matter. Plasma expanders, broad spectrum antibiotics and continuation of medical therapy is recommended over the next 24-48 hours. If the patient is improving then a recheck sonogram is recommended in 48 hours. If patient decline occurs then a recheck sonogram is recommended immediately. Underlying chronic inflammatory bowel is likely in this patient.

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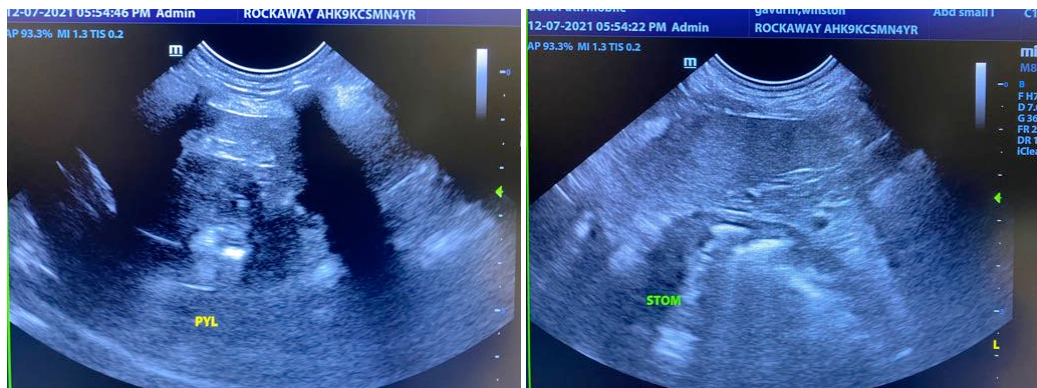
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the



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image/video clips provided.

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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.

SPECIES

Canine

Eric Lindquist, DMV, DABVP, Cert. IVUSS, CEO of SonoPath.com
Info@SonoPath.com

BREED

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Spaniel

SEX

Neutered male

AGE

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