



PATIENT

Zelda Willoughby

SPECIES

Canine

BREED

Dachshund

SEX

Spayed Female

AGE

6 Years

WEIGHT

17.9 Pounds

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Harmon

HOSPITAL NAME

Willamette VH

REFERRING VET

Dr. Harmon

INVOICE

33334

DATE

12/8/21

PRESENTING CLINICAL SIGNS

Brief History: V+ multiple times yesterday, rdvm transfer for possible FB. Pt hospitalized on IVF, NPO for fasted rads. Now having D+ with scant blood.
Abnormal PE/Chem/CBC/UA Results: labs at rDVM CBC-HCT 63%, Lymph 0.43 CHEM 17-bg 135, Lytes- Na 139 IN HOUSE Lactate-3.57 (0.5-2.5) RAD STAT CONSULT- CONCLUSIONS: Gastroenteritis is most likely. There is no evidence of complete obstruction, but the presence of poorly defined foreign material or partial obstruction cannot be completely excluded. Pancreatitis is also a differential and there is equivocal evidence of scant effusion. RECOMMENDATIONS: If the clinical signs do not rapidly respond to medical management, abdominal ultrasound would be recommended for further evaluation.

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 pelvic urethra was imaged 2.0 cm beyond the cystourethral junction.

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 4.5 cm. The right kidney measured 4.5 cm.

Adrenal Glands

The **left adrenal gland** was 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 0.5 cm.

The **right adrenal gland** was visualized obliquely, measuring approximately 0.6 cm

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.

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

The **stomach** was empty, no evidence of foreign matter. The pylorus was mildly thickened, no loss of mural detail. Muscularis hypertrophy noted. Minor excessive GI gas present. The small intestine and colon were 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.

BREED

Dachshund

ULTRASONOGRAPHIC FINDINGS

- Gastroenteritis pattern

SEX

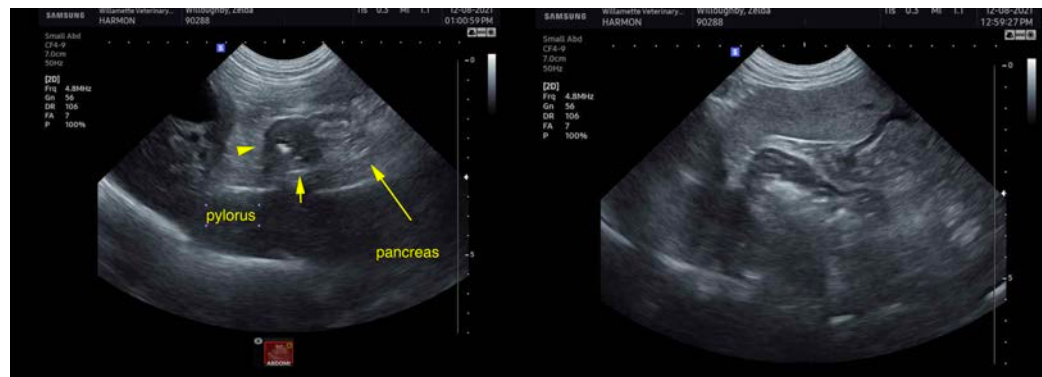
Spayed Female

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Treatment for gastroenteritis should prove effective in this patient given the mild pyloric hypertrophy. Recommend 24 hour NPO followed by canned BID feedings. GI protectant protocol warranted. Dietary indiscretion, food intolerance, structurally insignificant inflammatory bowel or occult parasitism and occult Addison's are all potentials.

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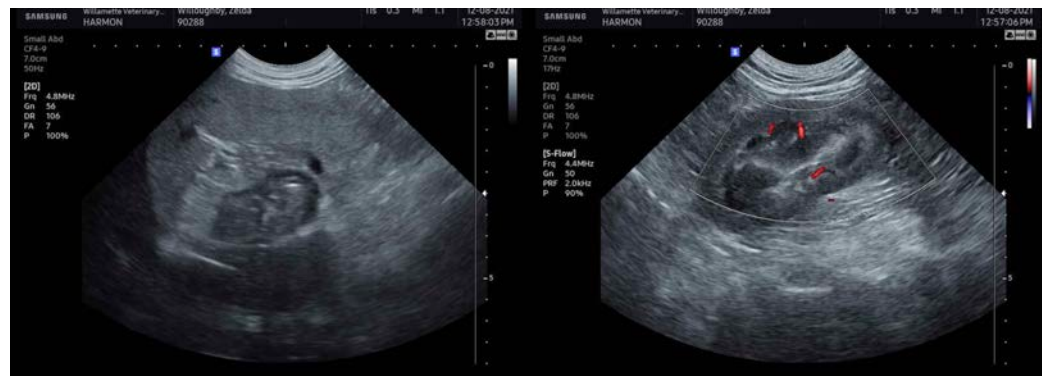
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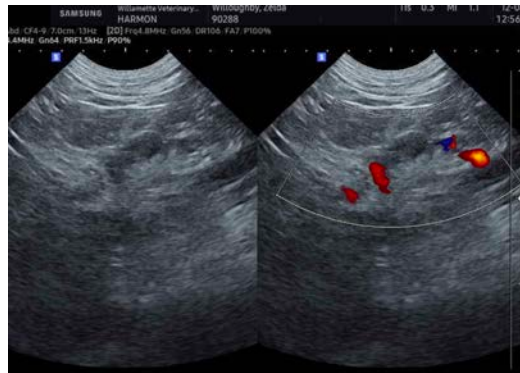
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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