



PATIENT

Sven Hemion

PRESENTING CLINICAL SIGNS

History: Healthy
Abnormal PE/Chem/CBC/UA Results: PSL 400

SPECIES

Canine

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

BREED

Chihuahua

The **urinary bladder** and visible pelvic urethra were unremarkable for the level of repletion presented. The urine, however, did present some mildly echogenic debris consistent with mucous, exfoliated cells from renal or bladder origin, and/or blood clots as these echogenic changes can all present similarly. This is often related to urinary tract infection but may represent simple evidence of exfoliated debris or sterile inflammation. Cystocentesis, urinalysis, +/- culture would be recommended to rule out and define any UTI.

SEX

Neutered male

AGE

10 years

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. Slight mineralization was noted in both kidneys. The left kidney measured 3.6 cm. The right kidney measured 4.0 cm.

WEIGHT

11.6 lbs

Adrenal Glands

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

The right **adrenal gland** was normal and measured 0.6 cm at the maximum width. The left adrenal gland was normal and measured 0.5 cm.

IMAGING PERFORMED BY

Dr. Prescott

Spleen

The **spleen** was folded upon itself caudally. This is a positional variant given the gastric dilation.

HOSPITAL NAME

Roundout Valley VA

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.

REFERRING VET

Dr. Prescott

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Gastrointestinal

DATE

10/4/21

The **stomach** revealed gastric fluid accumulation. The pylorus was patent with no evidence of foreign body or other causes of obstruction.



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Pancreas

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The **pancreas** revealed minor, heterogenous changes. There was no significant disruption of architecture.

SPECIES

Canine

ULTRASONOGRAPHIC FINDINGS

Gastritis, likely low-grade pancreatitis or history of pancreatitis.

BREED

Chihuahua

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

SEX

This is most likely a dietary intolerance issue. Hydrolyzed diet along with the following may prove effective.

Neutered male

Helicobacter/Gastritis protocol

AGE

10 years

A clinical trial of **Zithromax (Dogs: 5-10 mg/kg p.o. q24h. May increase dosing interval to q48h after 3-5 days of treatment)**, **Metronidazole (10-20 mg/kg p.o. b.i.d.)**, **Sucralfate (0.5-2 g/dog PO)** and **Omeprazole (1 mg/kg p.o. s.i.d.)** over the next 3 weeks along with a **novel-protein or hydrolyzed diet** with slurry feeding b.i.d./t.i.d. over the next 2-4 days and then increase to canned diet bid. Dry food should be avoided over the next 4 weeks. A recheck sonogram to assess GI improvement or progression would be ideal in 4 weeks.

WEIGHT

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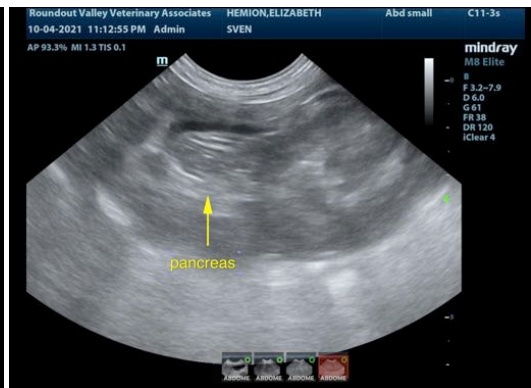
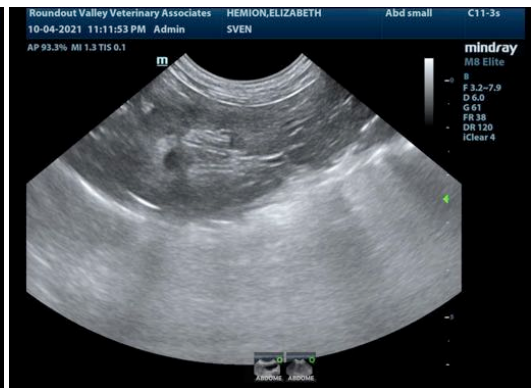
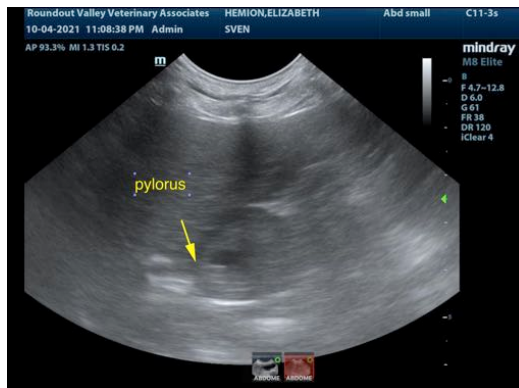
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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info@SonoPath.com

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