



PATIENT

Willow Howell

SPECIES

Feline

BREED

Domestic Longhair

SEX

Spayed female

AGE

5 years

WEIGHT

10.97 lbs

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Dorris

HOSPITAL NAME

County Line VC

REFERRING VET

Dr. Dorris

INVOICE

43467

DATE

3/22/23

PRESENTING CLINICAL SIGNS

History: Willow is a 5 year old female spayed DSH who presented today for a potential endoscopy. In January 2023, Willow began having trouble eating with no vomiting or diarrhea. Since then, she has been to several clinics and her CBC, Chemistry, T4 have been normal. A barium study was WNL and on sedated exam, her tonsils seemed inflamed. Her previous radiograph report stated: **CONCLUSIONS:** Gastrointestinal tract: No abnormalities are detected. Incidental, suspected gunshot pellet dorsal to L6. **COMMENTS:** A cause of the reported clinical signs is not detected in this study. Diseases including inflammatory bowel disease, chronic gastroenteritis, pancreatitis or infiltrative gastrointestinal neoplasia such as lymphoma could be occult in radiographs. In particular if persistent-worsening of the reported clinical signs, consider abdominal ultrasound for further evaluation. An e-tube was placed for 2 weeks and she did well, started eating again. It has been one month since the tube was pulled and Willow began not eating again. Last night, she was given a depomedrol injection at an emergency clinic and subcutaneous fluids. Today on exam, there are no obvious oral cavity abnormalities but patient is smacking her lips on exam.

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 was 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.

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.

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.

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



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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

Examination of the **gastrointestinal tract** revealed a stomach and intestine free of stasis, of normal wall thickness, acceptable curvilinear mural detail, and peristaltic activity. Small and large intestine demonstrated normal luminal chyme and stool consistency respectively. No obstructive or overt infiltrative disease was noted. No associated abnormal lymphatic activity was noted.

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Pancreas

The **pancreas** was prominent and hypoechoic. Slight coarse architecture was noted. Subxiphoid palpation is recommended. The left limb of the pancreas measured 1.6 cm.

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ULTRASONOGRAPHIC FINDINGS

Prominent pancreas.

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Structurally unremarkable abdomen.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Subxiphoid palpation is recommended to assess for low grade pancreatitis/discomfort. FPL evaluation would be appropriate.

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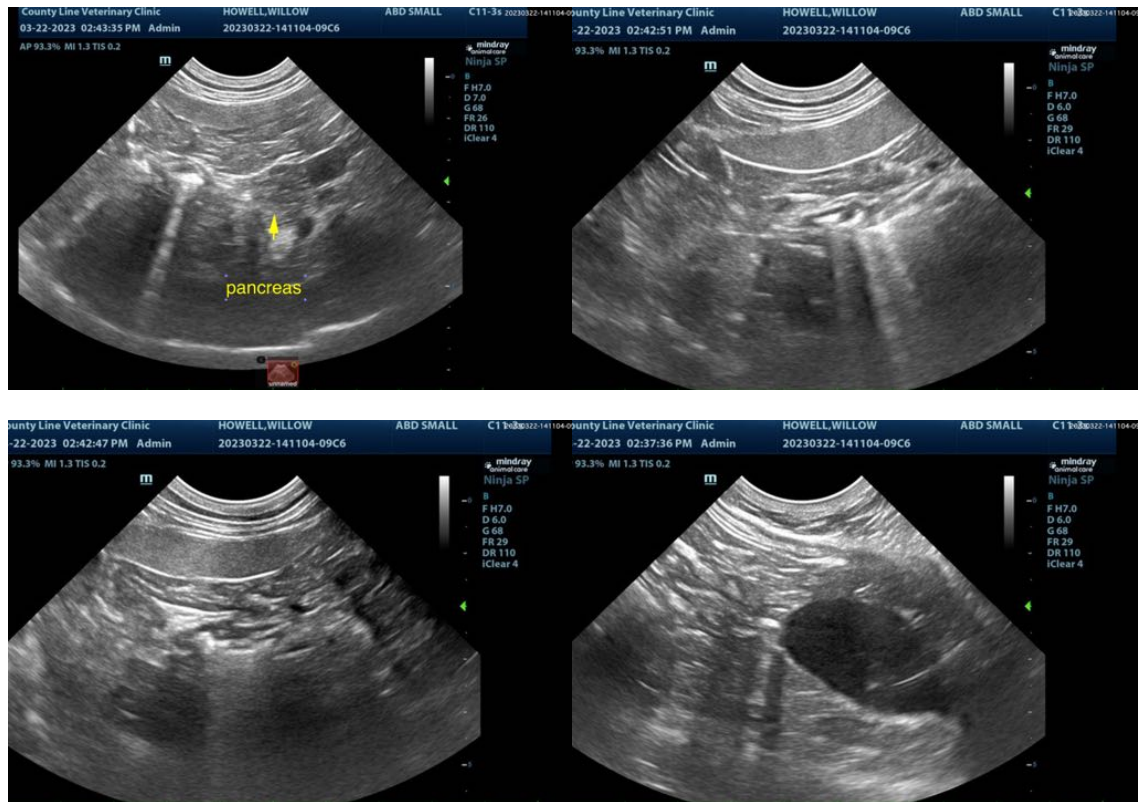
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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