



PATIENT

Juanita Threatt

SPECIES

Canine

BREED

Chihuahua

SEX

Spayed Female

AGE

12.25.2021

WEIGHT

7.7 lbs

INTERPRETED BY

Andrea Nicastro,
DVM, Diplomate
ACVIM (Small Animal
Internal Medicine)

IMAGING PERFORMED BY

Andrea Nicastro,
DVM, Diplomate
ACVIM (Small Animal
Internal Medicine)

HOSPITAL NAME

Flowertown AH

REFERRING VET

Magenta Kline, DVM

INVOICE

11620

DATE

9.9.22

PRESENTING CLINICAL SIGNS

Clinical Exam Findings: Vomiting and diarrhea. Started on a bland diet, but then vomiting and diarrhea recurred. Lethargy appreciated.

Abnormal lab-work values: AMYL: 399 U/L

Current Medications: Simparica Trio

Radiographic Findings: None

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The **urinary bladder** wall is normal in thickness and the mucosal surface is smooth. The bladder lumen is moderately distended with anechoic urine. No masses, inflammatory changes or calculi are observed. Ureteral papillae and visualized portion of the proximal urethra, visible to a depth of 2 cm, are normal.

The **left kidney** is normal size (3.21 cm in length); normal shape and architecture with smooth peripheral margins. There is a normal 1:3 cortex to medulla ratio with normal corticomodullary distinction. There is no evidence of pyelectasia, nephroliths, infarcts or hydroureter. Renal vasculature is normal.

The **right kidney** is normal size (3.77 cm in length); normal shape and architecture with smooth peripheral margins. There is a normal 1:3 cortex to medulla ratio with normal corticomodullary distinction. There is no evidence of pyelectasia, nephroliths, infarcts or hydroureter. Renal vasculature is normal.

Adrenal Glands

The **left adrenal gland** is normal size (0.31 cm at cranial pole) (0.35 cm at caudal pole) (0.10 cm in length); normal shape; homogenous parenchyma. The glandular echogenicity and detail are unremarkable. Capsule, cortex, and medullary definition are normal. The phrenicoabdominal vein and surrounding vasculature are normal.

The **right adrenal gland** is normal size (0.51 cm at cranial pole) (0.35 cm at caudal pole) (1.52 cm in length); normal shape; homogenous parenchyma. The glandular echogenicity and detail are unremarkable. Capsule, cortex, and medullary definition are normal. The phrenicoabdominal vein and surrounding vasculature are normal.

Spleen

The **spleen** is normal in size (0.76 cm in width at the level of the hilus) with a normal capsular contour. There is appropriate echogenicity and echotexture. No focal lesions are observed. Splenic vasculature is normal.

Liver

The **liver** is subjectively normal in size with normal contours and structure. There is appropriate echogenicity and echotexture. No overt structural evidence of inflammatory, infiltrative, or regenerative pathology is evident. Vascular and biliary tracts are of normal volume with no evidence of congestion. No pathological hepatic lymphadenopathy observed. The portal vein to caudal vena cava ratio is approximately 1: 1.

The **gall bladder** lumen is moderately distended. The wall is thin and smooth. Luminal contents are anechoic. The cystic and common bile ducts are normal/not seen.

Gastrointestinal

The **gastric lumen** is moderately distended with ingesta and some shadowing material. The gastric wall and pylorus are normal in thickness with a normal layering pattern. The small intestinal lumen is



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not dilated. The small intestinal wall thickness is normal with a normal layering pattern and appropriate mural detail. Discreet masses are not identified. The colonic wall is normal. The colonic lumen contains shadowing fecal material. There is no obvious evidence of an obstructive pattern.

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Pancreas

A portion of the **pancreas** is obscured by the gastric distention. In the visualized portion, no obvious pathology is observed.

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Chihuahua

Free Abdomen

There is no obvious evidence of free fluid. One to two prominent mesenteric **lymph nodes** are visualized, the largest measuring 1.59 cm in length. Surrounding mesentery is mildly hyperechoic.

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Spayed Female

Other

A brief **echocardiogram** reveals no evidence of pericardial effusion or obvious right atrial/auricular mass.

ULTRASONOGRAPHIC FINDINGS

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Primary Findings

- The presence of ingesta within the gastric lumen despite fasting for 6 hours would suggest delayed gastric emptying. The shadowing material within the gastric lumen is most consistent with foreign material. It appears nonobstructive at this time.
- The lymph node changes are most consistent with reactive lymphadenitis or lymphoid hyperplasia.

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Supportive care for acute gastroenteritis/dietary indiscretion is recommended. If the patient's clinical signs do not improve within 12-24 hours, consider a repeat abdominal ultrasound to further evaluate the gastric foreign material.

IMAGING PERFORMED BY

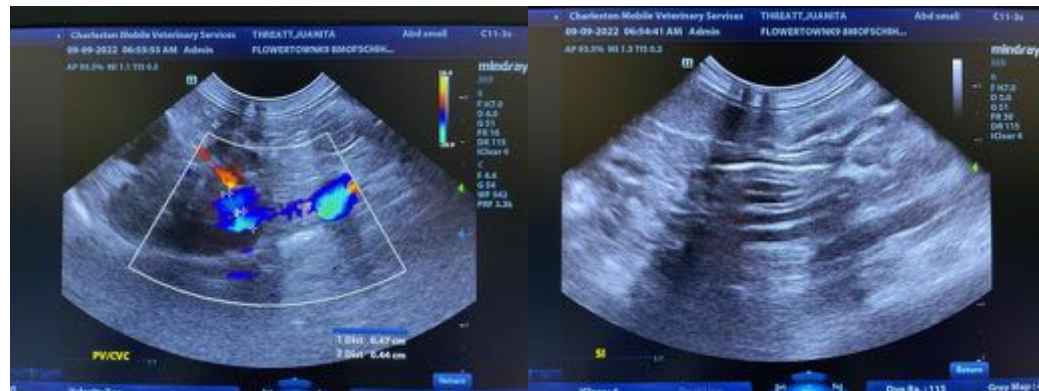
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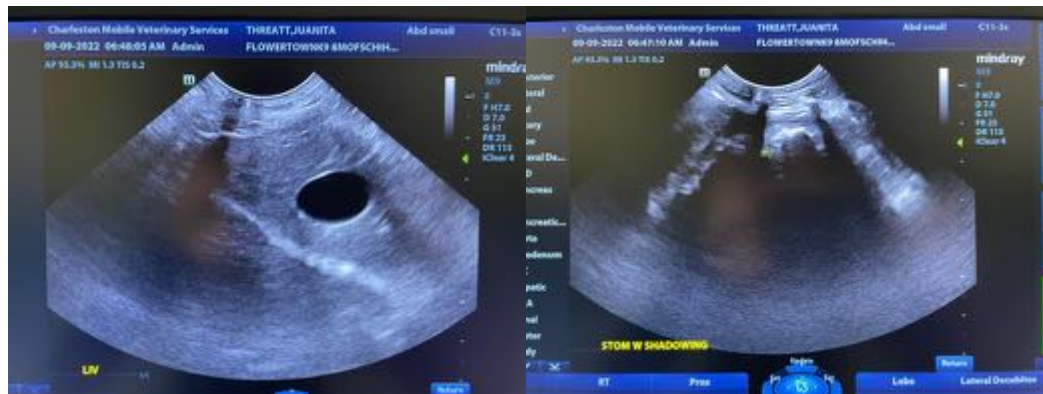
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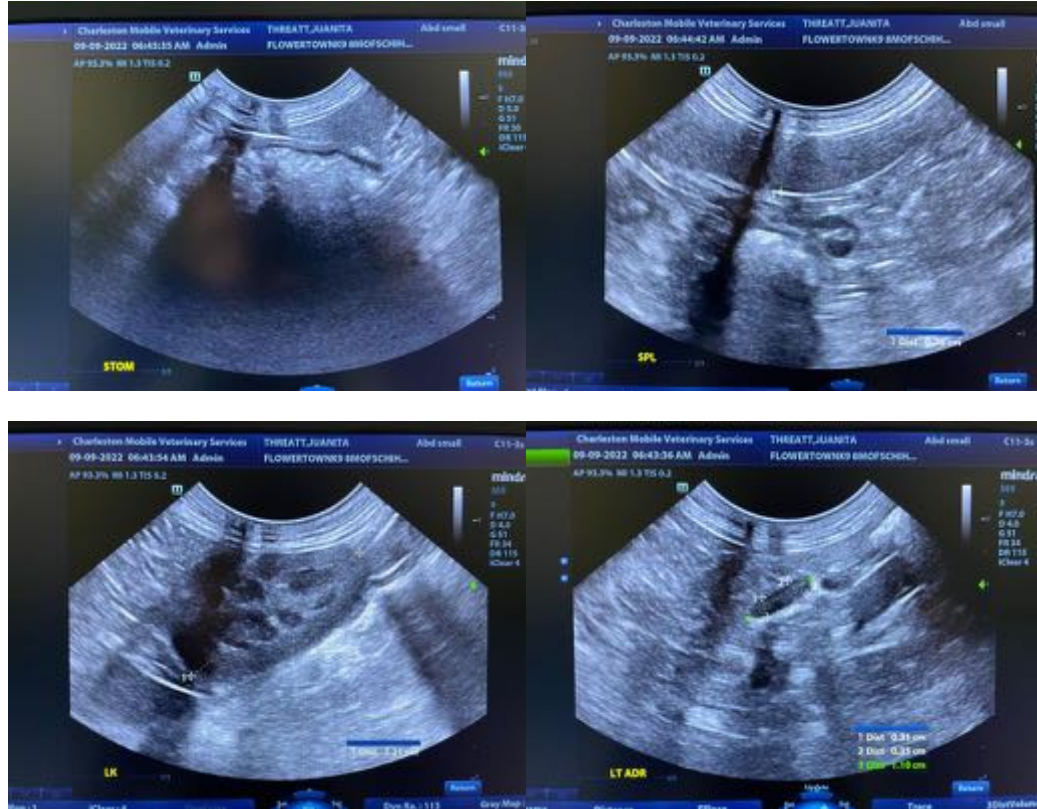
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

Andrea Nicastro, MPH, DVM, Diplomate DACVIM (Small Animal Internal Medicine)
info@SonoPath.com