



PATIENT

Lulu Organ

SPECIES

Canine

BREED

Shih Tzu Mix

SEX

FS

AGE

5½ years

WEIGHT

17.4 #

INTERPRETED BY

Remo Lobetti, BVSc,
MMedVet (Med), PhD,
Dipl. ECVIM

IMAGING PERFORMED BY

Lara Wiseman, DVM

HOSPITAL NAME

Heron Lakes Animal
Hospital

REFERRING VET

INVOICE

303524

DATE

11/3/22

PRESENTING CLINICAL SIGNS

History: Hematochezia, vomiting.

Physical Examination: N/A.

Urinalysis: N/A.

CBC: N/A.

Serum Biochemistry: N/A.

Radiographic Findings: N/A.

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

Full urinary bladder with a normal thickness and appearance of the wall. Normal anechoic urine with no sediment or uroliths evident.

Normal trigone area, proximal urethra (0.3 cm), and iliac blood vessels.

Normal iliac lymph nodes. Ureters not visualized.

Normal renal size (left 3.7 cm, right 3.6 cm) with increased echogenic appearance, some loss of cortico-medullary differentiation, and normal pelvis and capsule.

Reproductive System

N/A.

Adrenal Glands

Normal shape, echogenic appearance, position, and size. Left 0.41 cm, right 0.49 cm.

Spleen

Normal size (1.4 cm) and echogenic appearance. Smooth homogenous parenchyma, regular curvilinear capsule, and normal vasculature. No evidence of inflammatory, neoplastic, infarction, or infiltrative changes noted.

Liver

Normal size, echogenic appearance, portal markings, and regular curvilinear capsule. No nodules or masses evident. Small gall bladder containing normal anechoic bile. Normal thickness and echogenic appearance of the gall bladder wall. Normal bile duct.



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Gastrointestinal

Lulu Organ

Normal appearance of the gastro-esophageal junction, stomach, duodenum, small intestine, ileo-cecal junction, and colon with no loss of layering, normal wall thickness (stomach 0.38 cm, duodenum 0.4 cm, jejunum 0.32 cm) and peristaltic activity, and no distension of the lumen.

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Pancreas

Normal size (right 1.1 cm) and echogenic appearance. Regular capsule. Normal echogenic appearance of the mesentery and fat surrounding the pancreas.

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Free Abdomen

No mesenteric lymphadenomegaly.

No ascites.

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Hyperechogenic appearance of the mesentery surrounding the gastric fundus.

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ULTRASONOGRAPHIC FINDINGS

Primary findings:

- Peri-gastric inflammation.
- Age-related renal changes vs renal disease.

Secondary findings:

- None.

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS IMAGES

The most likely diagnosis would be acute gastritis (viral, dietary indiscretion, toxins, helminths) with inflammatory bowel disease, *Helicobacter* gastritis, and ulcerative gastritis, less likely differential diagnoses.

Further assessment would be urine and fecal analysis and serum biochemistry and if there is not a satisfactory improvement with symptomatic therapy then gastroscopy with biopsies.

Specific therapy would be dependent on an etiological diagnosis. Symptomatic management would be fluid therapy as needed, intestinal diet, gastric protectants, and anti-emetics.

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IMAGES

Stomach



Left kidney



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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.

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