



**PATIENT**

Thor Thompson

**SPECIES**

Canine

**BREED**

Labrador Retriever

**SEX**

Neutered Male

**AGE**

7 Years

**WEIGHT**

97 Lbs.

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

**IMAGING PERFORMED BY**

Kelly Vazquez

**HOSPITAL NAME**

Westwood Regional  
VH

**REFERRING VET**

Dr. Taylor McConnell

**INVOICE**

13032

**DATE**

12/13/21

**PRESENTING CLINICAL SIGNS**

History: Patient with previous history of foreign body ingestion, presented for GI signs, vomiting. Concern for possible FB vs. other.

Abnormal PE/Chem/CBC/UA Results: Bloods: NSF.

**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 **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. The capsules were acceptably uniform without significant irregularities. The right kidney measured 6.37 cm. The left kidney measured 7.75 cm. Trace pyelectasia was noted in the left kidney.

**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 2.25 cm x 0.73 cm at the caudal pole and 0.48 cm at the cranial pole.

The region of the **right adrenal gland** revealed no evident pathology.

**Spleen**

The **spleen** revealed minor heterogeneous parenchymal changes without overt masses.

**Liver**

The **liver** revealed multiple moderately complex mixed echogenic masses with surrounding free fluid, the masses measured up to 7.2 cm with microcystic changes and disrupted architecture and deviated capsule. The gallbladder and common bile duct were unremarkable.

**Gastrointestinal**

The **stomach** in this patient presented a concentric mass, measuring approximately 4.0 cm. Undifferentiated tissue was noted in the mid gastric wall. The small intestine and colon were unremarkable.

**Pancreas**

The **pancreas** was obscured by regional inflammation secondary to the gastric and hepatic presentation.

**ULTRASONOGRAPHIC FINDINGS**

- Gastric mass



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- Heterogeneous spleen
- Metastatic hepatic pattern with secondary paraneoplastic effusion

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**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Prognosis is poor. FNA of the hepatic masses and gastric mass can be considered for further definition and initiation of chemotherapy. However, this is a particularly aggressive process and humane euthanasia should be considered.

**BREED**

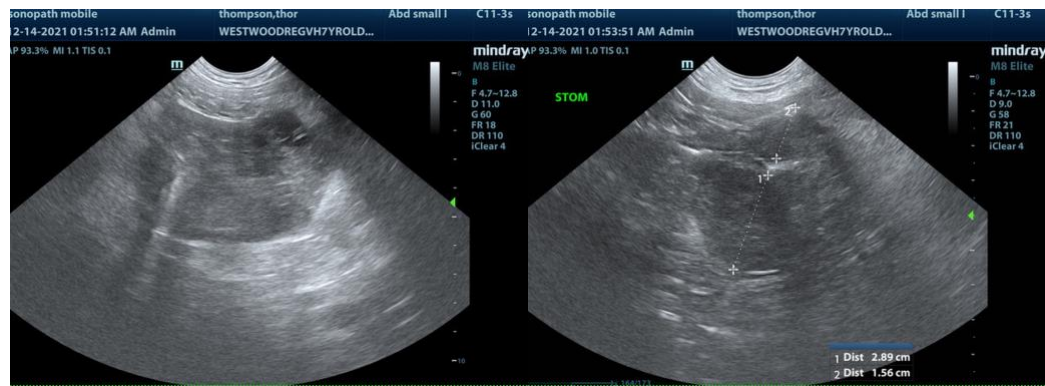
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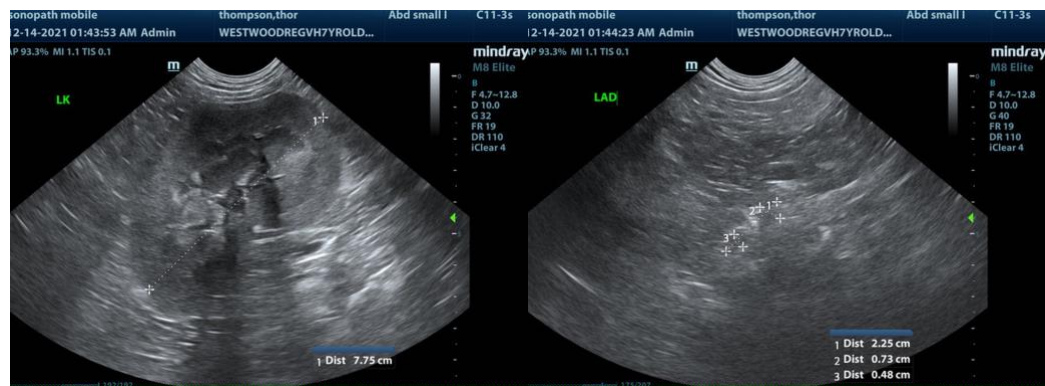
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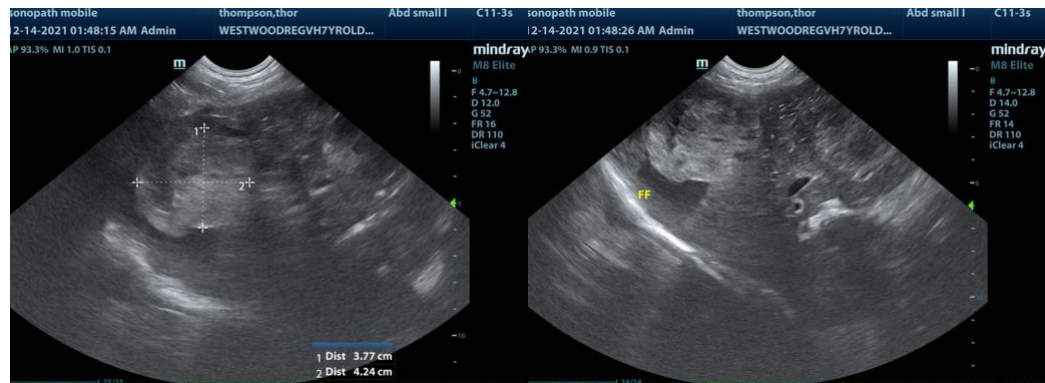
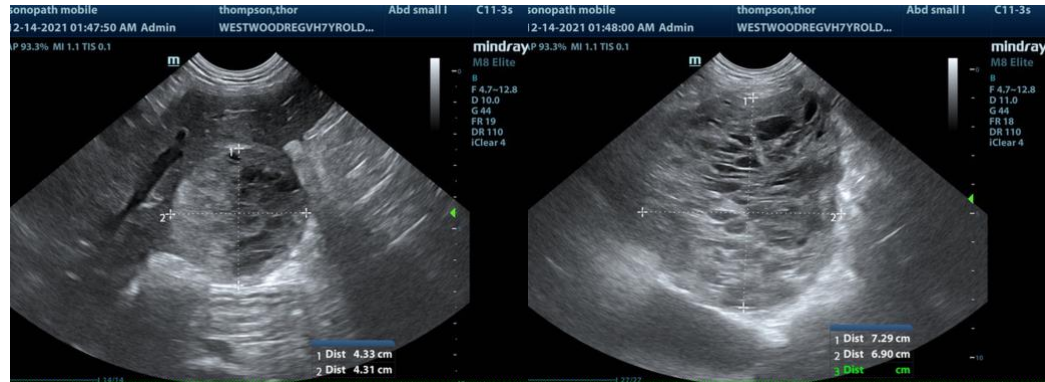
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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  
info@SonoPath.com