

**PATIENT PRESENTING CLINICAL SIGNS**

Cheeto Helms Elevated ALT, AST, ALP. Secondary elevation in bilirubin.

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

**SPECIES**  
*Urinary System*

Feline 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.

**BREED**

DSH

**SEX**

Neutered Male

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. The right kidney measured 4.88 cm. The left kidney measured 4.54 cm.

**AGE**

3 Years

*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. The left adrenal gland measured 0.59 cm. The right adrenal gland measured 0.5 cm.

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

*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 were noted.

**IMAGING PERFORMED BY**

Eric Lindquist, DMV  
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*Liver*

The **liver** was uniform, diffusely hyperechoic to falciform fat, most consistent with lipidosis. Slight coarse hepatic architecture. The gallbladder and common bile were normal. Common bile duct measured 2.0 mm.

**HOSPITAL NAME**

Butler Vet Hospital

*Gastrointestinal*

**REFERRING VET**

Dr. Sereda

The **stomach** was slightly thickened in this patient. No luminal material or foreign bodies. The small intestine and colon were unremarkable.

**INVOICE**

33752

*Pancreas*

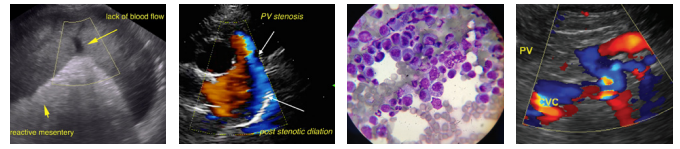
The **pancreas** was hypoechoic and irregular, painful upon imaging of the right limb, consistent with pancreatitis.

**DATE**

12/28/21

**ULTRASONOGRAPHIC FINDINGS**

- Pancreatitis
- Hepatitis/lipidosis liver pattern
- Slightly thickened stomach



**PATIENT**

Cheeto Helms

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

If empirical measures such as Zithromax, Metronidazole, nutraceuticals, and pain management are not effective, then ultrasound guided FNA of the liver would be indicated for further definition.

**SPECIES**

Feline

**BREED**

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Neutered Male

**AGE**

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**REFERRING VET**

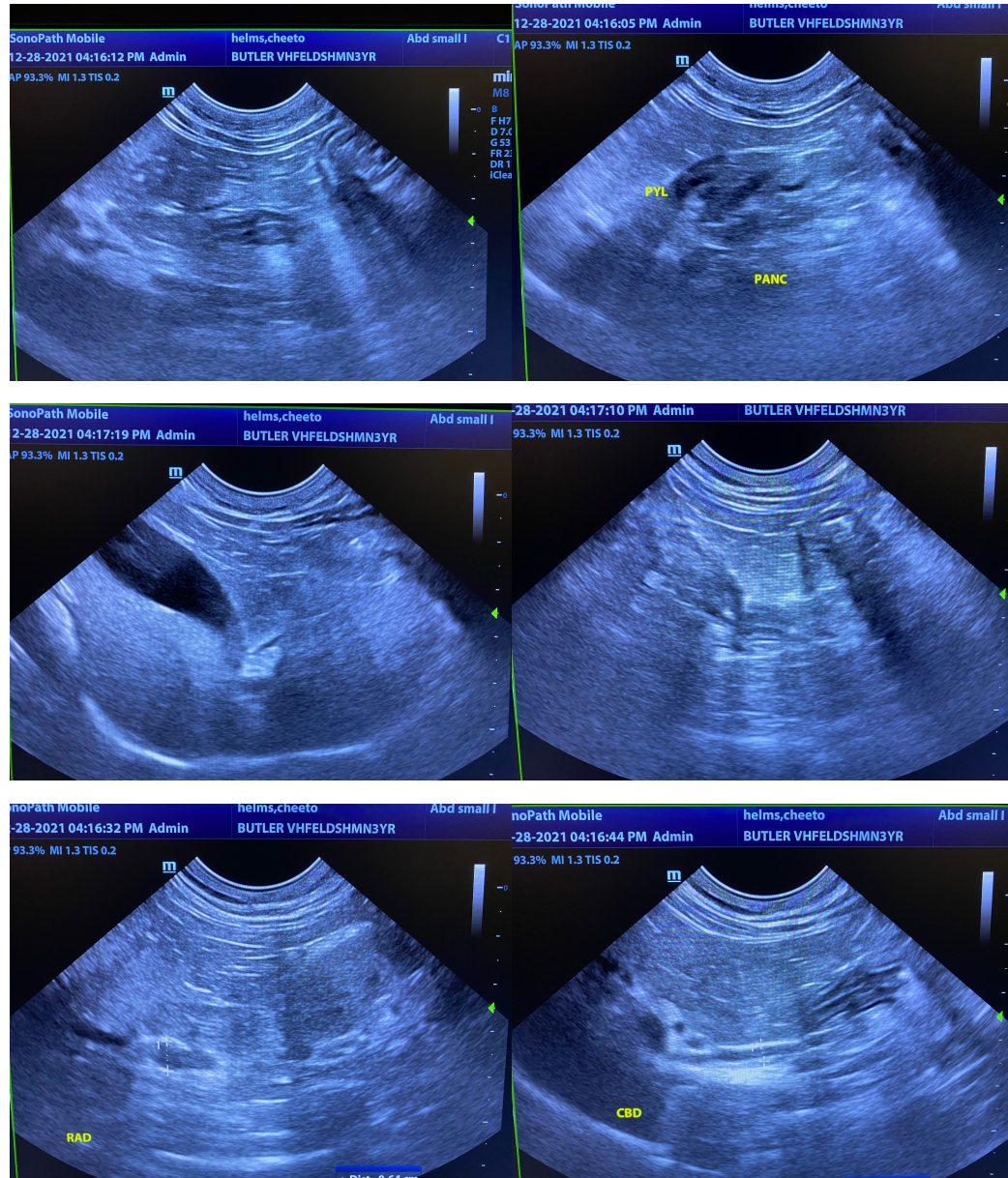
Dr. Sereda

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**PATIENT**

Cheeto Helms

**SPECIES**

Feline

**BREED**

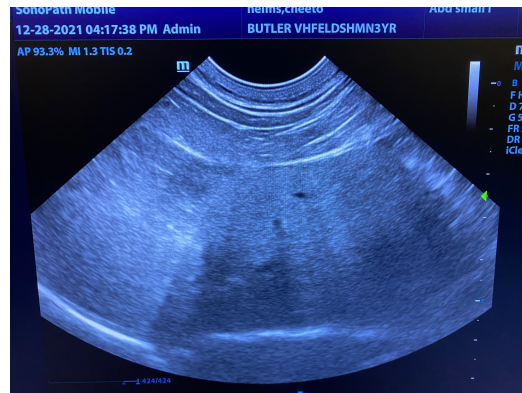
DSH

**SEX**

Neutered Male

**AGE**

3 Years



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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