



## PATIENT

Zelda Thomas

## SPECIES

Feline

## BREED

Oriental Shorthair

## SEX

Spayed female

## AGE

7 years

## WEIGHT

6 lbs

## INTERPRETED BY

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

## IMAGING PERFORMED BY

Dr. Anleu

## HOSPITAL NAME

Ellwood AH

## REFERRING VET

Dr. Jones

## INVOICE

68614

## DATE

11/12/25

## PRESENTING CLINICAL SIGNS

History: As of 10/8/25 pets creatinine and BUN levels were elevated. Advanced GI results are consistent with IBD. Vitamin D and Vitamin B12 are both elevated without supplementation. Owner mentioned pets canned food contained high amounts of both. Owner has since discontinued. Ultrasound was completed after a 6 hour fast.

Abnormal PE/Chem/CBC/UA Results: Creatinine - 1.8 BUN - 38 Urine Protein - +1

## 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. Coalesced sand and debris was noted measuring 1.1 cm. No evidence of inflammatory or neoplastic changes was noted. Ureteral papillae were normal.

The **kidneys** revealed significant hyperechoic cortical remodeling. This is consistent with interstitial nephrosis. Ill-defined, corticomodullary definition was noted in both kidneys. The right kidney measured 4.4 cm with pelvic mineralization. The left kidney measured 3.6 cm.

### Adrenal Glands

The **adrenal glands** were not overtly visualized. However, the regions of the adrenal glands appeared unremarkable.

### 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 from right and left intercostal as well as subcostal views revealed subjectively normal liver size, contour, and structure. Some age-related parenchymal remodeling was noted but likely not clinically significant at this time. Vascular and biliary tracts were of normal volume and no evidence of congestion was noted. The gallbladder revealed a minor amount of dependent, coalesced bile.

### Gastrointestinal

A large amount of **gastrointestinal** artifact was noted occupying the stomach. The visible gastrointestinal tract was unremarkable with a minor amount of ingesta.



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**Pancreas**

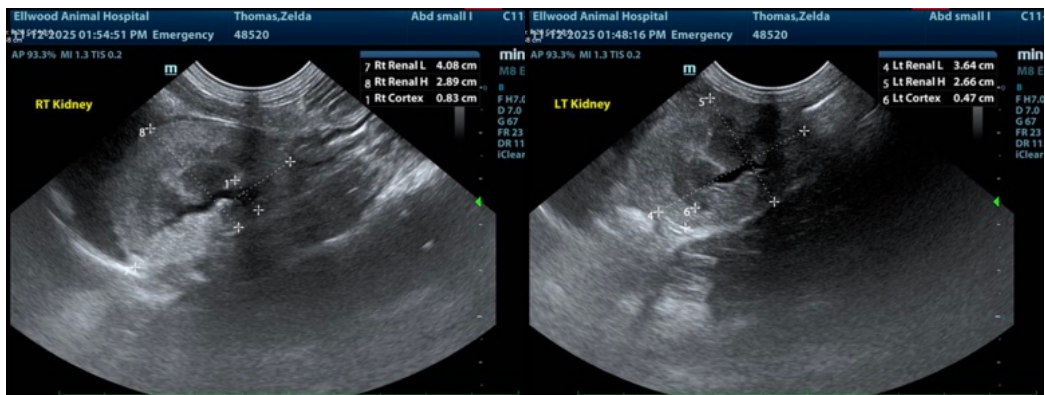
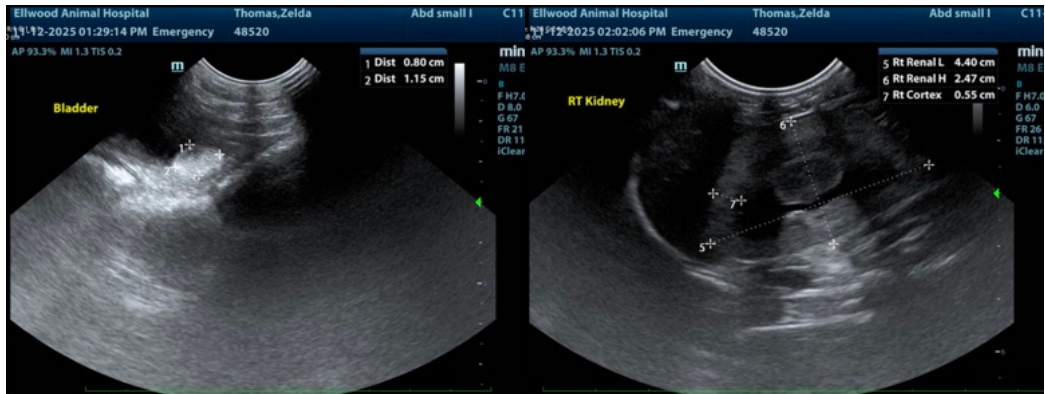
The base and limbs of the **pancreas** were observed to be largely isoechoic to surrounding omental fat. Pancreatic duct and capsular contour were acceptably normal and parenchyma respected normal curvilinear patterns. No overt evidence of active inflammatory or neoplastic disease was noted.

**ULTRASONOGRAPHIC FINDINGS**

- Chronic interstitial nephrosis renal pattern with pyelectasia and mineralization.
- Slight, coalesced bladder sand.

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Urine culture and sensitivity, 72-hour IV fluid protocol to correct the azotemia and blood pressure measurements are all indicated. This is a non-specific presentation; however, subjectively the kidneys appear 50-60% compromised.





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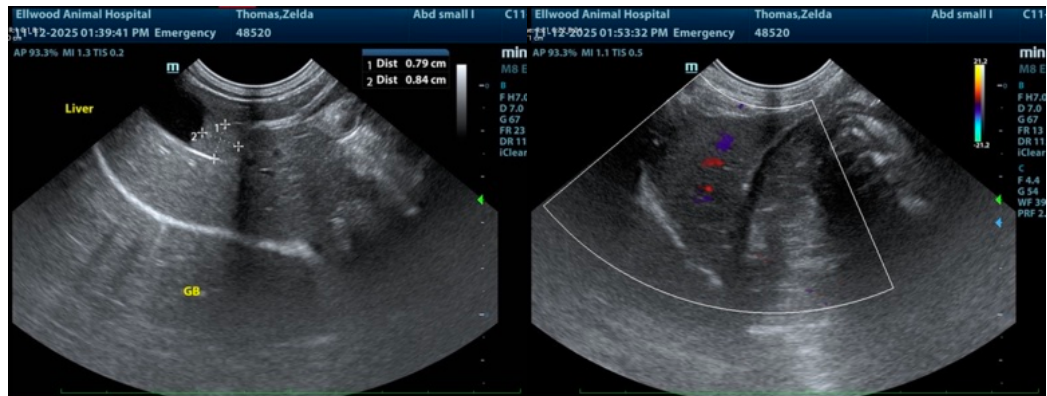
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

Eric Lindquist, DMV, DABVP (CFM), Cert. IVUSS, CEO of SonoPath.com

[info@SonoPath.com](mailto:info@SonoPath.com)