



## PATIENT

Buster Patel

## SPECIES

Canine

## BREED

Maltese

## SEX

Neutered Male

## AGE

15 Years

## WEIGHT

10.8 lbs

## INTERPRETED BY

Eric Lindquist, DMV,  
DABVP (CFM), Cert.  
IVUSS

## IMAGING PERFORMED BY

Dr. Kyoung Han

## HOSPITAL NAME

Tenaflly Veterinary  
Center

## REFERRING VET

Dr. Kyoung Han

## INVOICE

72200

## DATE

11/29/25

## PRESENTING CLINICAL SIGNS

Follow up abdominal ultrasound . buster is doing well and gained weight . the previous finding with sonograph is Undefined, nodular hepatic changes. Minor mesenteric lymphadenopathy. Pancreatic cyst. Moderate degenerative renal changes with multi-focal cortical cysts. cbc/ chem / pli / ua pending

## 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** presented moderate degenerative changes with polycystic cortices and mineralizations. Slight pyelectasia noted. The kidneys measured 3.5 cm each.

### Adrenal Glands

The **left adrenal gland** measured at the upper limits of normal at 0.70 cm.

The **right adrenal gland** was nodular and measured 0.80 cm.

### 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.

### Liver

The **liver** presented persistent mixed hypoechoic nodular changes without further progression. The gallbladder was fairly flaccid with a mild amount of inspissated debris present.

### Gastrointestinal

**Pyloric** thickening noted with mild hypertrophied. Lumen was empty. The small intestine and colon were unremarkable.

### Pancreas

The base and limbs of the **pancreas** were observed to be largely isoechoic to surrounding omental fat. Some parenchymal remodeling, however, with mild deviation from curvilinear normalcy was observed. Pancreatic duct and capsular irregularities were present consistent with age related changes. If pain upon imaging (+ Murphy sign) was present or if the patient is focally painful in subxyphoid palpation then low-grade smoldering chronic pancreatitis should be suspected.

## ULTRASONOGRAPHIC FINDINGS

- Persistent nodular hyperplasia liver pattern.
- Moderate degenerative renal changes with polycystic cortices and mineralization.



**PATIENT**

Buster Patel

- Pyloric thickening.
- Pancreatic remodeling.
- Upper limits of normal left adrenal, nodular right adrenal.

**SPECIES**

Canine

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Updated urinalysis indicated. Blood pressures indicated. The patient appears fairly stable. However, I am concerned about long-term viability of the kidneys. It is unlikely that liver presents neoplasia. However, FNA of the nodules would be ideal for further definition.

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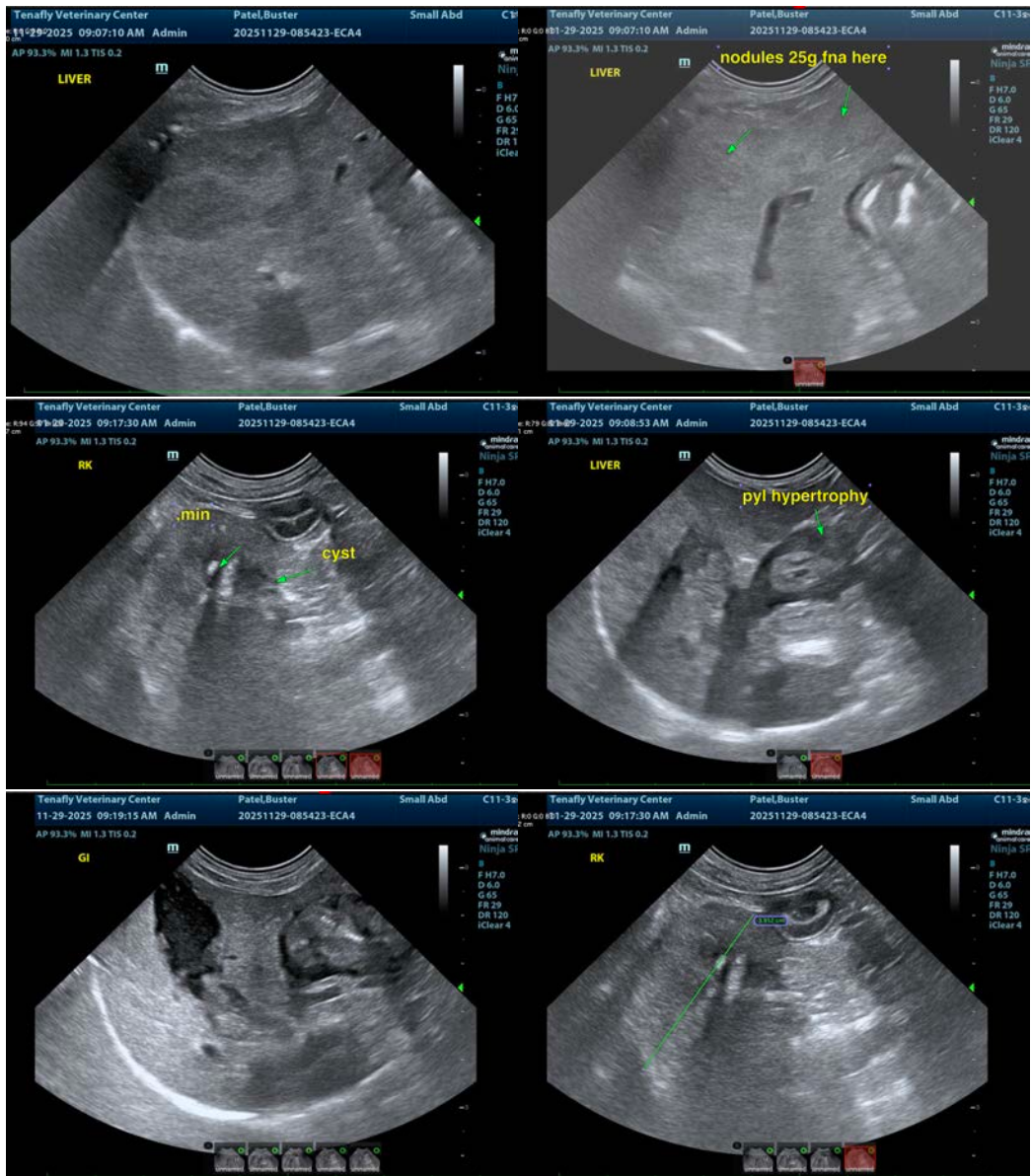
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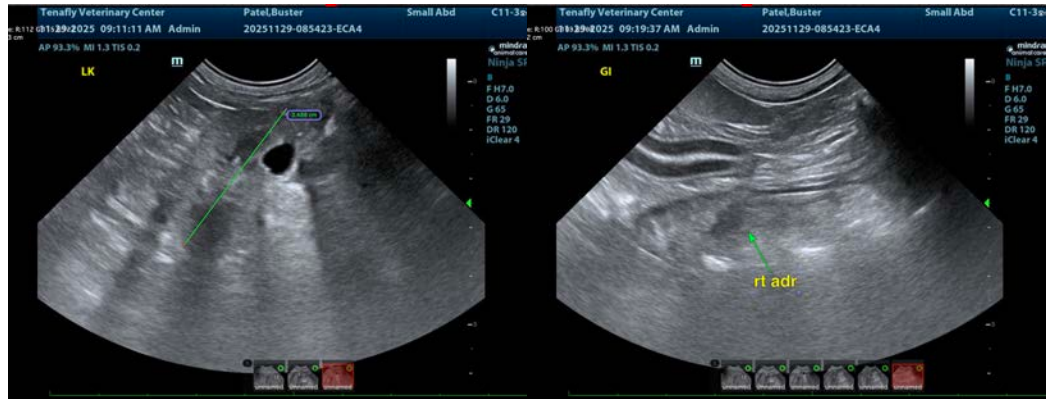
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

**Eric Lindquist**, DMV, DABVP(CFM), Cert. IVUSS,  
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[info@SonoPath.com](mailto:info@SonoPath.com)