



## PATIENT

Gizmo Rogers

## SPECIES

Canine

## BREED

Yorkie Mix

## SEX

Neutered male

## AGE

10 years

## WEIGHT

25 lbs

## INTERPRETED BY

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

## IMAGING PERFORMED BY

Dr. Griffin

## HOSPITAL NAME

Northside VC

## REFERRING VET

Dr. Griffin

## INVOICE

78188

## DATE

6/1/26

## PRESENTING CLINICAL SIGNS

History: Patient presented for cough 5/29

Abnormal PE/Chem/CBC/UA Results: - Thoracic radiographs performed: VHS 10.6, increased soft tissue opacity at rostral aspect of heart concerning for enlarged tracheobronchial lymph nodes vs mass, pulmonary nodules throughout lungs especially perihilar region, no tracheal collapse evident, markedly enlarged liver with smooth margins, slightly enlarged spleen with smooth margins - CBC: within normal limits - Chemistry panel: creatinine 1.9 (elevated, normal <1.4), total protein 8.5 (elevated), albumin 4.0 (elevated), total bilirubin 1.1, lipase 2,669 (elevated), potassium 6.5 (elevated) -U/A: USG 1.025, protein negative, suspect cocci

## ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

### Urinary System

The **urinary bladder**, trigone, and pelvic urethra presented normal thicknesses and normal tone. The pelvic urethra was imaged 2.0 cm beyond the cystourethral junction and appeared normal. 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 was 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 and no evidence of pelvic dilation was present. The capsules were acceptably uniform without significant irregularities. Slight pinpoint mineralization was noted. The left kidney measured 4.78 cm. The right kidney measured 6.26 cm.

### 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 0.6 cm. The right adrenal gland measured 0.54 cm.

### Spleen

The **spleen** revealed subtle, micronodular changes with slight irregular contour. Mild, generalized enlargement.

### Liver

The **liver** was uniform with minor enlargement and subtle, non-specific, heterogenous parenchymal changes. The gallbladder presented acceptably thin walls with primarily anechoic content. The cystic and common bile ducts were normal. No pathological hepatic lymphadenopathy was evident. No overt structural evidence of inflammatory, infiltrative or regenerative pathology was evident.



## PATIENT

Gizmo Rogers

## SPECIES

Canine

## BREED

Yorkie Mix

## SEX

Neutered male

## AGE

10 years

## WEIGHT

25 lbs

## INTERPRETED BY

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

## IMAGING PERFORMED BY

Dr. Griffin

## HOSPITAL NAME

Northside VC

## REFERRING VET

Dr. Griffin

## INVOICE

78188

## DATE

6/1/26

## *Gastrointestinal*

There was some residual chyme and gas was noted in the **stomach**, yet not pathological. This is consistent with post prandial presentation. Shadowing material was noted in the stomach may represent medications or foreign matter depending on when the patient ate prior to the sonogram. The gastric structures measured 2.1 cm and 1.4 cm. Transit of chyme into the small intestine was normal. Curvilinear patterns were maintained throughout the GI tract. No evidence of pathology. Small and large intestine demonstrated normal luminal chyme and stool consistency respectively. No obstructive or overt infiltrative disease was noted. No associated abnormal lymphatic activity was noted.

## *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.

## *Heart*

Rapid view of the heart revealed no evidence of pathology.

## ULTRASONOGRAPHIC FINDINGS

Shadowing gastric material.

Micronodular spleen and liver.

Structurally unremarkable heart.

## INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

If the bilirubin elevation is persistent and not artifactual then screening FNA of the spleen and liver is warranted to ensure multiple myeloma is not an issue. Endoscopy is indicated or gastrotomy. If the patient was n.p.o. at the time of the sonogram then foreign matter is suspected. If the patient was not n.p.o. then a recheck sonogram is recommended at full n.p.o. status.



**PATIENT**

Gizmo Rogers

**SPECIES**

Canine

**BREED**

Yorkie Mix

**SEX**

Neutered male

**AGE**

10 years

**WEIGHT**

25 lbs

**INTERPRETED BY**

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

**IMAGING PERFORMED BY**

Dr. Griffin

**HOSPITAL NAME**

Northside VC

**REFERRING VET**

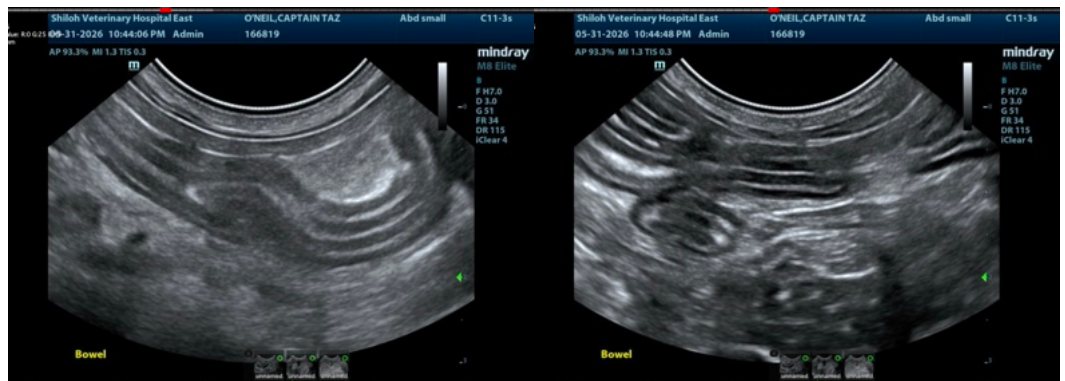
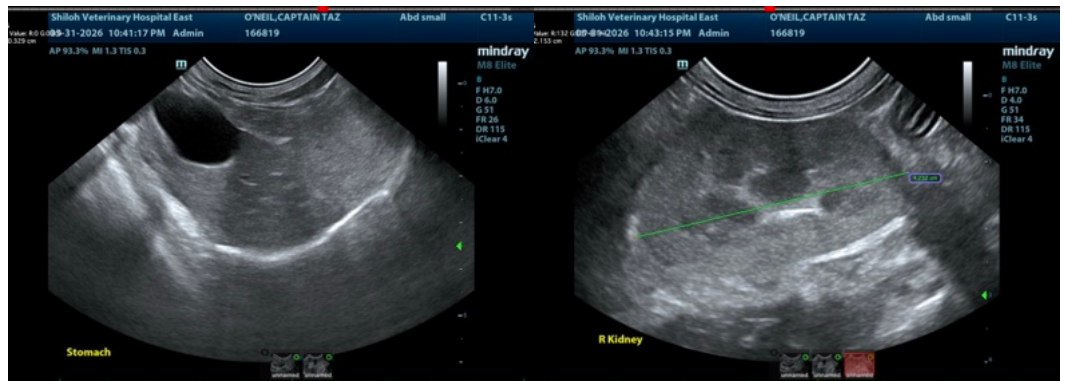
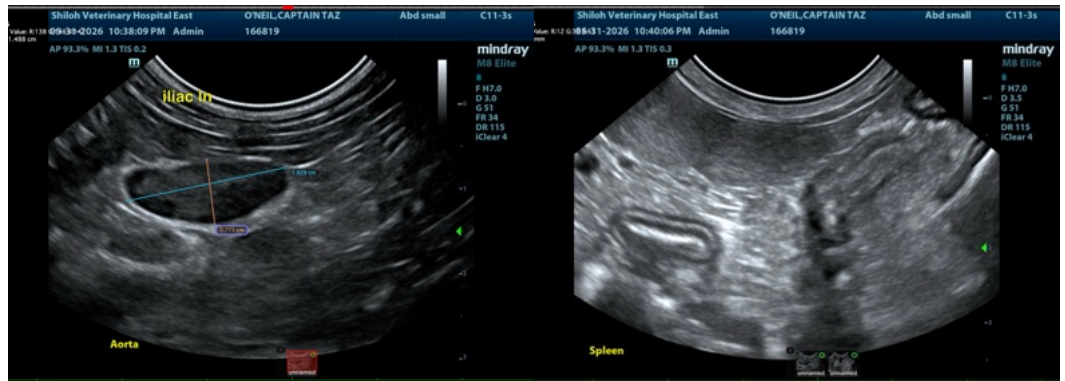
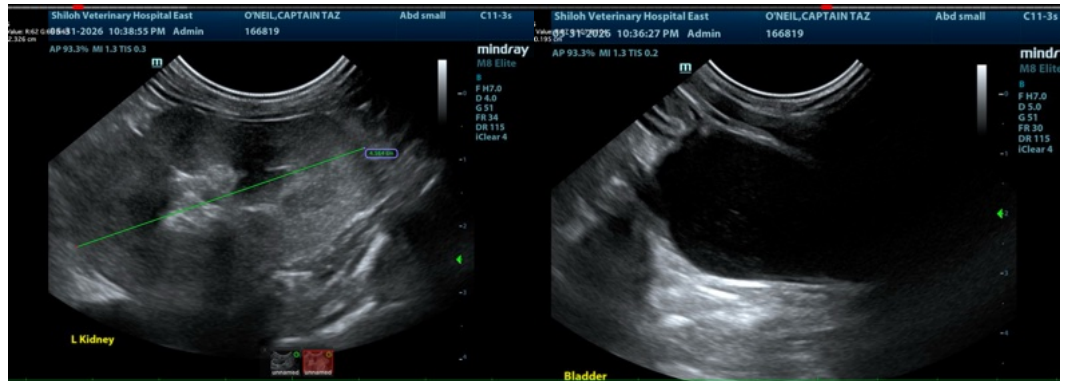
Dr. Griffin

**INVOICE**

78188

**DATE**

6/1/26





## PATIENT

Gizmo Rogers

## SPECIES

Canine

## BREED

Yorkie Mix

## SEX

Neutered male

## AGE

10 years

## WEIGHT

25 lbs

## INTERPRETED BY

Eric Lindquist, DMV  
DABVP, Cert. IVUSS

## IMAGING PERFORMED BY

Dr. Griffin

## HOSPITAL NAME

Northside VC

## REFERRING VET

Dr. Griffin

## INVOICE

78188

## DATE

6/1/26

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)