



## PATIENT

Yoshi Bravo

## SPECIES

Feline

## BREED

DSH

## SEX

Male Neutered

## AGE

5 months

## WEIGHT

6

## INTERPRETED BY

R. McKenzie Daniel,  
DVM, DABVP  
(Canine and Feline)

## IMAGING PERFORMED BY

Dr. Sharkaway

## HOSPITAL NAME

Union Vet AH

## REFERRING VET

Dr. Joseph

## INVOICE

12993

## DATE

12/27/25

## PRESENTING CLINICAL SIGNS

History: Anorexia Lethargy

Abnormal PE/Chem/CBC/UA Results: Bw- elevated alt, Globulin, Globulin /albumin ratio 0.5, Anemia, low PLT

## ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

### Urinary System

The urinary bladder was subnormal in size owing to lack of urine distention and was overall sonographically normal with mild anechoic urine. The trigone, cystourethral junction, and visible pelvic urethra to a depth of 1.0 cm exhibited normal thickness and tone. No mineral or calculi present. The ureteral papillae were normal. The ureters were not visible which is normal. No evidence of inflammatory or neoplastic changes were noted.

Normal size and margination was present in the kidneys. A normal 1:3 cortex / medulla ratio and normal corticomedullary definition were maintained. The echogenicity of the cortex was similar to or slightly less than normal liver parenchyma while the medulla echogenicity was hypoechoic to the cortex with no evidence of pelvic dilation. A hyperechoic corticomedullary band, consistent with a medullary rim sign, was present. This is a nonspecific finding seen in both normal and abnormal kidneys. It may be associated interstitial renal disease, hypercalcemia, tubular necrosis, lymphoma, and FIP. However, it is a nonspecific finding. The left kidney measured 3.4 cm. The right kidney measured 3.6 cm.

### Adrenal Glands

The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland measured 0.37 cm. The right adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The right adrenal gland measured 0.38 cm.

### Spleen

The spleen exhibited a finely textured and homogenous parenchyma which was hyperechoic to the liver and renal cortical parenchyma. The capsule was smooth and regular without apparent expansion. The splenic vasculature at the hilus was normal in volume with no evidence of congestion or thrombosis. Acute to chronic inflammatory, neoplastic, or benign parenchyma changes were not noted. The spleen measured 0.6 cm width level of the mid spleen.

### Liver

The liver was subjectively normal in size, structure, and contour with adequate hepatic vascular volume. The liver parenchyma was uniform and hypoechoic to the spleen with a mild coarse echotexture. The hepatic and portal vasculature were normal in appearance without signs of congestion. The gallbladder was non-distended in size with thin walls and primarily anechoic luminal content. The cystic and common bile ducts were normal.



## PATIENT

Yoshi Bravo

## SPECIES

Feline

## BREED

DSH

## SEX

Male Neutered

## AGE

5 months

## WEIGHT

6

## INTERPRETED BY

R. McKenzie Daniel,  
DVM, DABVP  
(Canine and Feline)

## IMAGING PERFORMED BY

Dr. Sharkaway

## HOSPITAL NAME

Union Vet AH

## REFERRING VET

Dr. Joseph

## INVOICE

12993

## DATE

12/27/25

## Gastrointestinal

The stomach presented intact wall layering with a normal wall layer ratio. The lumen of the stomach was empty with no signs of ileus, obstruction or foreign material.

The small intestine presented intact wall layering with 1:3 muscularis/mucosa ratio. Segmental, mild, non-obstructive gas pattern.

Normal visible colon wall layers were present with apparent formed feces in lumen.

## Pancreas

The parenchyma of the left limb, body and right limb of the pancreas presented isoechoic to the adjacent omental fat. A normal curvilinear capsule contour of the pancreas was present. The visible pancreatic duct was normal. No signs of active inflammation or neoplastic disease was evident.

## Free Abdomen

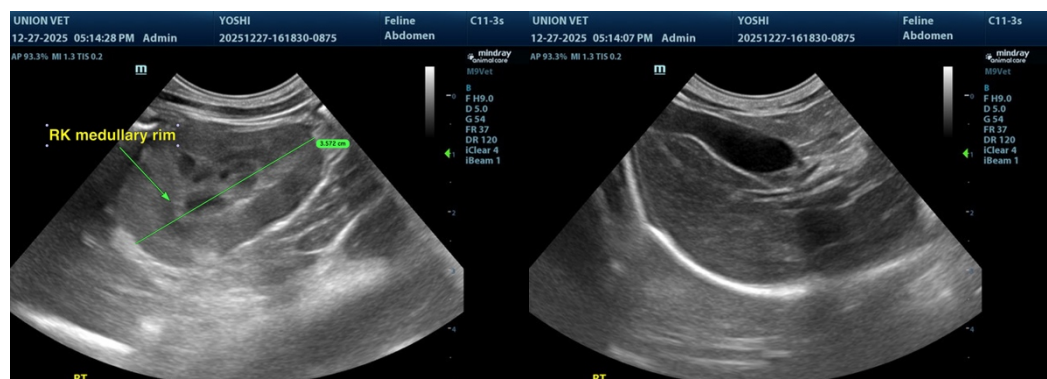
Solitary, mild to asymmetrically enlarged, non-homogeneous mesenteric lymph node adjacent and caudal to the left kidney was noted measuring 2.8 cm x 1.7 cm. Minor volume peritoneal effusion was present.

## ULTRASONOGRAPHIC FINDINGS

- Bilateral mild nonspecific renal medullary rim sign
- Solitary visualized mildly enlarged abdominal lymph node
- Minor volume peritoneal effusion
- Sonographically normal gastrointestinal tract and liver

## INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

No evidence of mechanical or metabolic gastrointestinal ileus. The indistinct renal medullary rim sign lymphadenopathy and minor volume effusion may indicate reactive, inflammatory, granulomatous or emerging neoplastic etiologies. Assuming normal clotting status and using 25-gauge needle, renal lymph node FNA cytology and +/- C/S as well as, if possible, effusion analysis +/- FIP titer/PCR is recommended for further clarification.





**PATIENT**

Yoshi Bravo

**SPECIES**

Feline

**BREED**

DSH

**SEX**

Male Neutered

**AGE**

5 months

**WEIGHT**

6

**INTERPRETED BY**

R. McKenzie Daniel,  
DVM, DABVP  
(Canine and Feline)

**IMAGING PERFORMED BY**

Dr. Sharkaway

**HOSPITAL NAME**

Union Vet AH

**REFERRING VET**

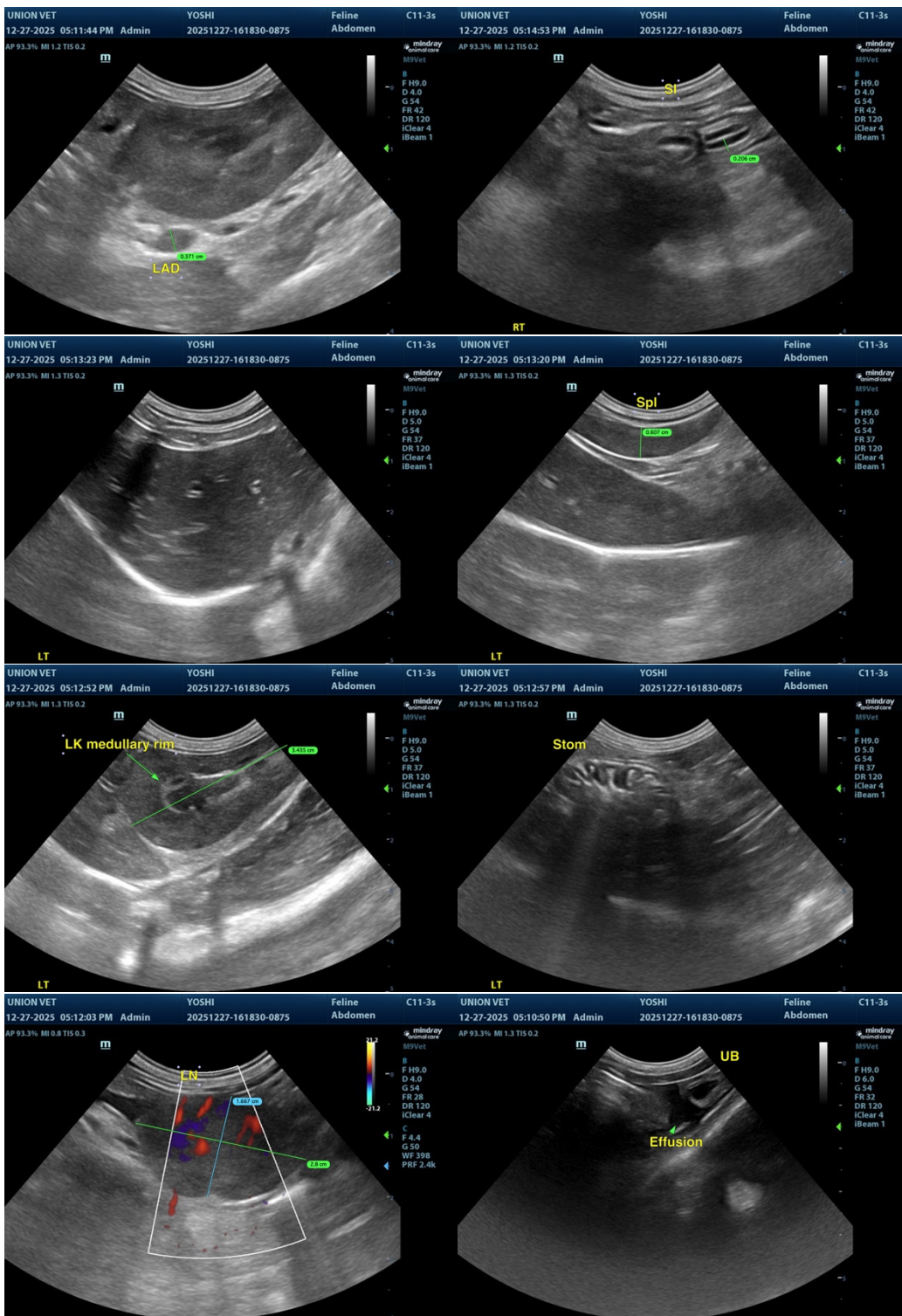
Dr. Joseph

**INVOICE**

12993

**DATE**

12/27/25





## PATIENT

Yoshi Bravo

## SPECIES

Feline

## BREED

DSH

## SEX

Male Neutered

## AGE

5 months

## WEIGHT

6

## INTERPRETED BY

R. McKenzie Daniel,  
DVM, DABVP  
(Canine and Feline)

## IMAGING PERFORMED BY

Dr. Sharkaway

## HOSPITAL NAME

Union Vet AH

## REFERRING VET

Dr. Joseph

## INVOICE

12993

## DATE

12/27/25

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.

R. McKenzie Daniel, DVM, DABVP (Canine / Feline Practice)

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