

PATIENT PRESENTING CLINICAL SIGNS

Esther Akiska Frank blood in urine and stranguria. R/o obstruction or neoplasia
Current medications - convenia and gabapentin

SPECIES Abnormal PE/Chem/CBC/UA Results: U/A - RBCs >100 USG 1.017

Feline

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

BREED *Urinary System*

DSH The urinary bladder was distended in size with a moderately extensive non-homogenous non-mineralized urinary bladder mass primarily involving the dorsal trigone and cystourethral junction extending to the mid dorsal wall measuring ~ 3.6 cm x 1.9 cm. Concurrent variably thickened ventral cystourethral junction and trigone wall was present. Anechoic urine with mild urine sediment was present with no calculi. The proximal urethra was indistinctly visualized, yet normal in tone without evidence of urine distention to a depth of 3 cm.

SEX

FS

AGE

15yr

Normal size and margination were present in the kidneys. A normal 1:3 cortex / medulla ratio was maintained. The medulla and cortices were uniform in texture with some increased echogenicity and mild loss of corticomedullary symmetry and definition expected for the age of the patient. Mild to moderate bilateral pyelectasia was present. Concurrent indistinct bilateral proximal hydroureter was present. The left kidney measured 4.0 cm in length. The right kidney measured 3.9 cm in length.

WEIGHT

8.4lb

The area of the aortic trifurcation was free of pathology.

Adrenal Glands

The left adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The left adrenal gland subjectively measured 0.43 cm width. The right adrenal gland was uniform in size and contour with a uniformly hypoechoic parenchyma. The right adrenal gland subjectively measured 0.5 cm width.

Spleen

The spleen exhibited subnormal size consistent with volume contraction and 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 0.62 cm in width at the level of the mid spleen.

Liver/Gallbladder

The liver was subjectively normal in size, structure, and contour. The liver parenchyma was uniform and hypoechoic to the spleen with a mild coarse echotexture. Normal vascular volume. 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.

Gastrointestinal

INTERPRETED BY

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

IMAGING PERFORMED BY

Vincent Ravancho CVT

HOSPITAL NAME

New Bridge Vet
Practice

REFERRING VET

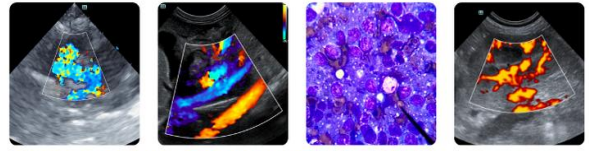
Dr Glennon

INVOICE

24540

DATE

04/21/2026



PATIENT

Esther Akiska

The stomach presented intact wall layering with a normal wall layer ratio. The lumen of the stomach contained mild retained anechoic fluid with no signs of obstruction or foreign material.

SPECIES

Feline

The small intestine presented intact wall layering with 1:3 muscularis/mucosa ratio. The lumen of the small intestine was empty with no signs of mechanical/metabolic ileus, obstruction or foreign material. The small intestinal wall measured 0.24 cm in width.

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

BREED

DSH

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.

SEX

FS

Free Abdomen

No omental masses, overt lymphadenopathy or peritoneal effusion was present.

AGE

15yr

ULTRASONOGRAPHIC FINDINGS

Primary

- Urinary bladder mass primarily involving the dorsal and ventral cystourethral junction / trigone wall
- Bilateral hydronephrosis with concurrent indistinct left and right hydroureter
- Volume contracted spleen

WEIGHT

8.4lb

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The urinary bladder mass is consistent with neoplasia, i.e. transitional cell carcinoma. Secondary bilateral ureteral obstruction with mild hydronephrosis is present.

Referral for potential oncology consult or interventional procedure such as possible stent placement to preserve renal function may be considered. Curative surgical options appear precluded. No overt evidence of current regional lymphatic metastasis.

INTERPRETED BY

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

**IMAGING
PERFORMED BY**

Vincent Ravancho CVT

HOSPITAL NAME

New Bridge Vet
Practice

REFERRING VET

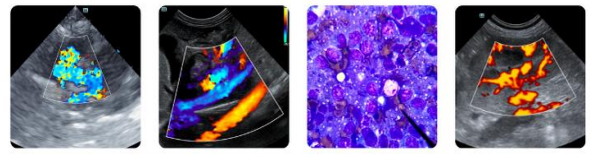
Dr Glennon

INVOICE

24540

DATE

04/21/2026



PATIENT

Esther Akiska

SPECIES

Feline

BREED

DSH

SEX

FS

AGE

15yr

WEIGHT

8.4lb

INTERPRETED BY

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

IMAGING PERFORMED BY

Vincent Ravancho CVT

HOSPITAL NAME

New Bridge Vet Practice

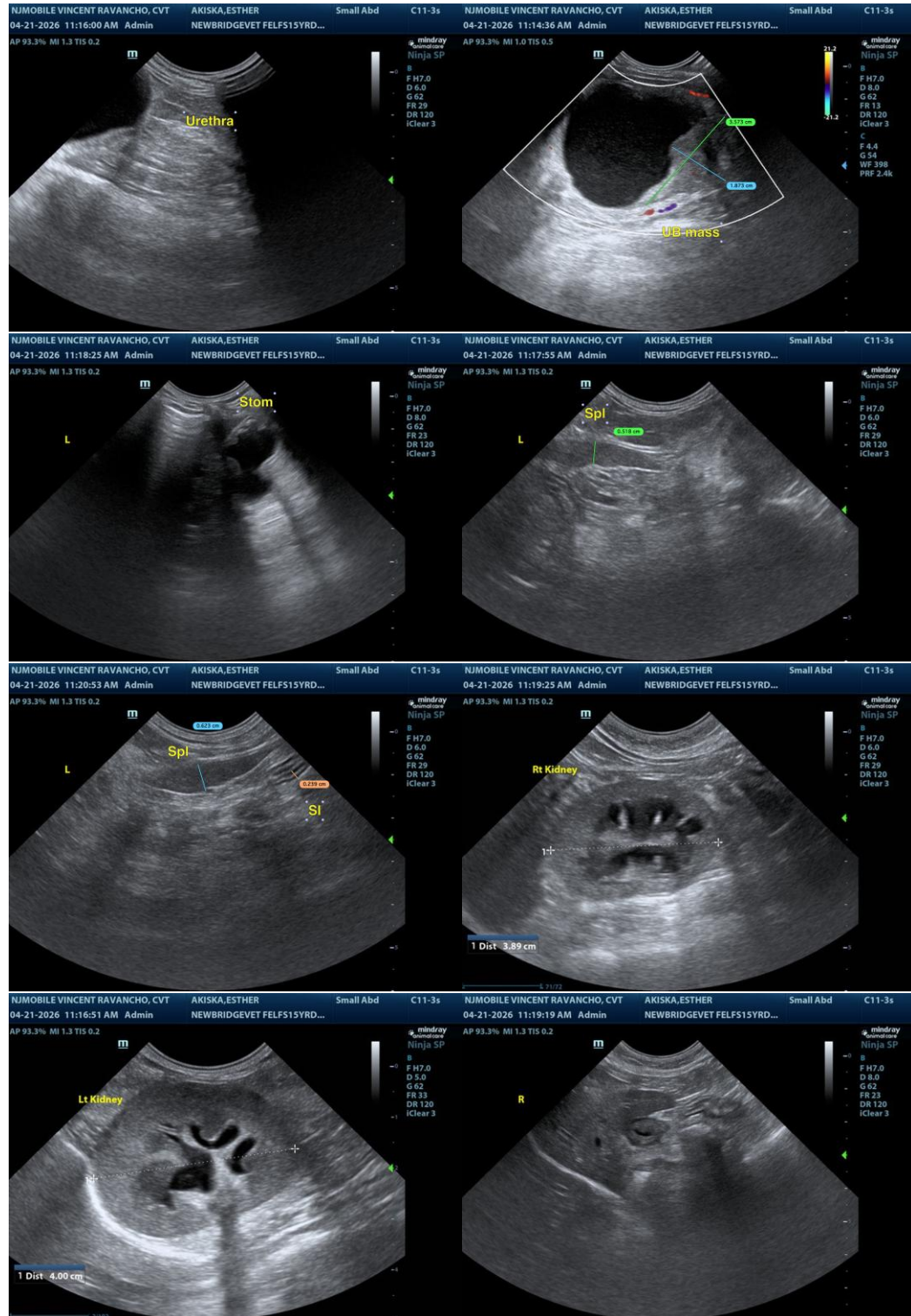
REFERRING VET

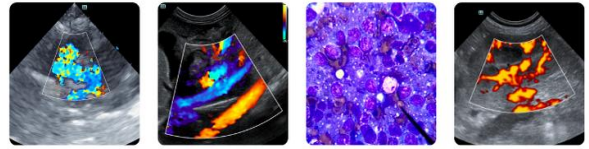
Dr Glennon

INVOICE
 24540

DATE

04/21/2026





PATIENT

Esther Akiska

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.

SPECIES

Feline

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.

BREED

DSH

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

info@sonopath.com

SEX

FS

AGE

15yr

WEIGHT

8.4lb

INTERPRETED BY

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

**IMAGING
PERFORMED BY**

Vincent Ravancho CVT

HOSPITAL NAME

New Bridge Vet
Practice

REFERRING VET

Dr Glennon

INVOICE

24540

DATE

04/21/2026