

PATIENT PRESENTING CLINICAL SIGNS

Kanji Nelson History: Renal changes and urinary bladder mass diagnosed on previous ultrasound, which was diagnosed as polyploid hyperplasia on cytology.

SPECIES Physical Examination: N/A.

Feline Urinalysis: N/A.

BREED CBC: N/A.

Siamese Serum Biochemistry: N/A.

Radiographic Findings: N/A.

SEX

MN

AGE

15 years

WEIGHT

9.4 #

INTERPRETED BY

Remo Lobetti, BVSc,
MMedVet (Med), PhD,
Dipl. ECVIM

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

Full urinary bladder with a normal appearance and thickness of the of the dorsal wall and apex. Large irregular infiltrative mottled echogenic mass (3.8 cm) on the ventral wall with areas of mineralization. Small amount of floating hyperechogenic sediment. No uroliths evident.

Normal trigone area, proximal urethra, and iliac blood vessels.

Normal iliac lymph nodes. Ureters not visualized.

Normal renal size with increased echogenic appearance, loss of cortico-medullary differentiation, and normal pelvis and capsule.

Reproductive System

N/A.

Adrenal Glands

Normal shape, echogenic appearance, size, and position.

Spleen

Normal size and echogenic appearance. Smooth homogenous parenchyma, smooth curvi-linear capsule, and normal vasculature. No evidence of inflammatory, neoplastic, infarction, or infiltrative changes noted.

Liver

Normal size, echogenic appearance, and portal markings. No nodules or masses evident. Small gall bladder containing normal anechoic bile. Normal thickness and appearance of the gall bladder wall. Normal bile duct.

Gastrointestinal

Normal appearance of the stomach, duodenum, small intestine, ileo-cecal junction, and colon with no loss of layering, normal wall thickness and peristaltic activity, and no distension of the lumen.

INVOICE

302895

DATE

4/9/22

IMAGING PERFORMED BY

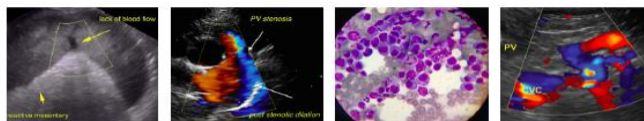
Charlie Rodrigue

HOSPITAL NAME

Bethany Family Pet Clinic

REFERRING VET

Dr Kristen Velasco



PATIENT *Pancreas*

Kanji Nelson Normal size and echogenic appearance. Regular capsule. Normal echogenic appearance of the mesentery and fat surrounding the pancreas.

SPECIES *Free Abdomen*

Feline No mesenteric lymphadenomegaly.
No ascites.

BREED

Siamese **ULTRASONOGRAPHIC FINDINGS**

Primary Findings:

- Urinary bladder mass.

SEX

MN

Secondary Findings:

AGE

15 years

- Age-related renal changes/early chronic kidney disease.
- Urinary bladder sediment.

WEIGHT

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The appearance of the mass with its infiltration into the wall, presence of mineralization, and progressive growth (from 3.1 cm to 3.8 cm) makes primary urinary bladder neoplasia (transitional cell carcinoma, squamous cell carcinoma) the most probable diagnosis.

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The urinary bladder sediment is most likely hemorrhage from the mass with bacterial cystitis and crystalluria, differential diagnoses.

Further assessment would be urinalysis and 3-view thoracic radiographs.

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Specific therapy would be surgical excision as the mass does not appear to involve the trigone area, however, clear margins may not be attainable. Medical therapy would be NSAIDs, however, the compromised renal function must be considered; although long-term meloxicam has been used in cats with various stages of chronic kidney disease without affecting the renal function.

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PATIENT IMAGES

Kanji Nelson **Urinary bladder**

SPECIES

Feline

BREED

Siamese

SEX

MN

AGE

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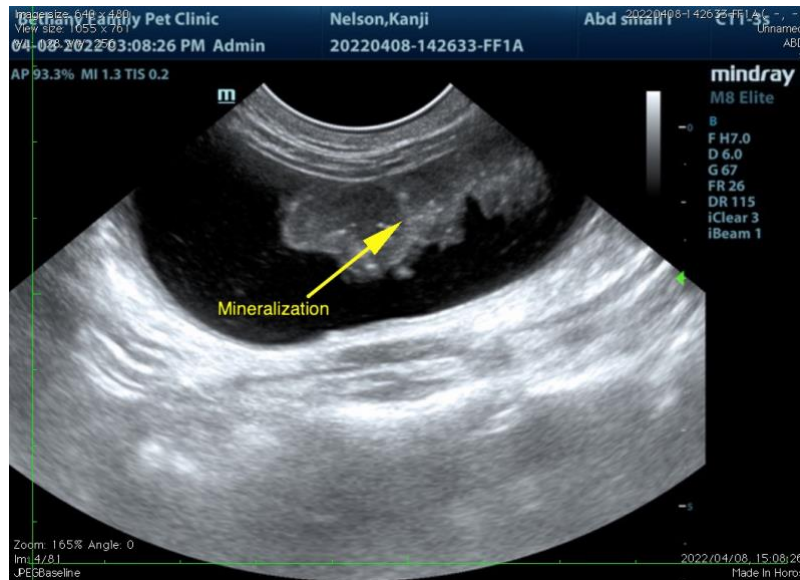
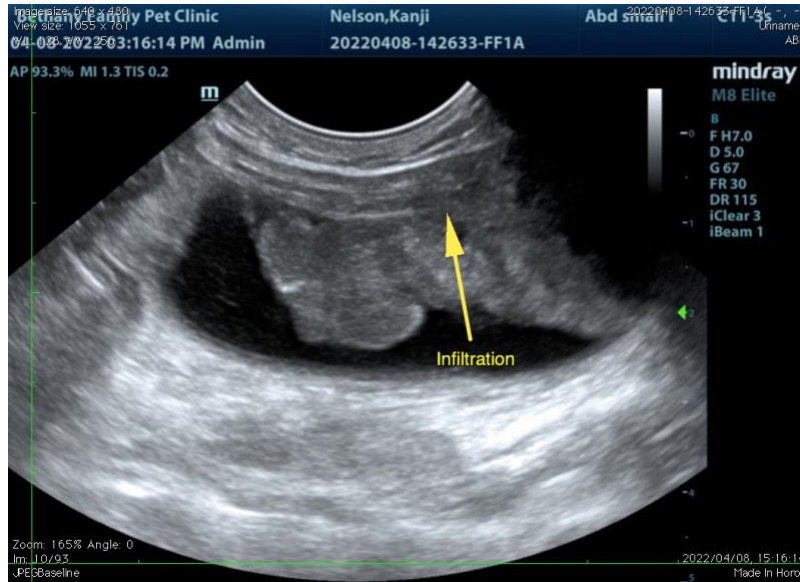
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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