



PATIENT PRESENTING CLINICAL SIGNS

Odin Green History: Chronic hematuria but asymptomatic. No response to antibiotics.

SPECIES Physical Examination: Clinically normal.

Feline Urinalysis: Negative cultures.

CBC: Normal.

BREED Serum Biochemistry: High normal creatinine, rest normal.

DSH Radiographic Findings: Mineralized left kidney.

SEX

MN

AGE

10 years

WEIGHT

7.4

INTERPRETED BY

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MMedVet (Med), PhD,
Dipl. ECVIM

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

Full urinary bladder with a normal thickness and appearance of the wall. 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.

Left kidney – normal size (3.7 cm) with a mottled echogenic appearance, loss of cortico-medullary differentiation, poor blood flow, and irregular capsule. Areas of cortical mineralization (0.6 cm) and an irregular mottled echogenic medullary nodule (1.6 cm).

Right kidney – enlarged (5.4 cm) with increased echogenic appearance, some loss of cortico-medullary differentiation, normal blood flow and pelvis, and an irregular capsule.

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DVM

Reproductive System

N/A

HOSPITAL NAME

Adrenal Glands

Normal shape, echogenic appearance, size, and position. Left 0.85 x 0.48, right 1.27 x 0.44/0.49 cm.

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Spleen

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Normal size (0.8 cm) and echogenic appearance. Smooth homogenous parenchyma, smooth curvi-linear capsule, and normal vasculature. No evidence of inflammatory, neoplastic, infarction, or infiltrative changes noted.

INVOICE

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Liver

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

DATE

3/1/22



PATIENT *Gastrointestinal*

Odin Green 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.

SPECIES *Pancreas*

Feline Normal size (right 0.5 cm, left 0.5 cm) and echogenic appearance. Small hypoechogetic parenchymal nodules. Visible pancreatic duct. Regular capsule. Normal echogenic appearance of the mesentery and fat surrounding the pancreas.

BREED

DSH *Free Abdomen*

SEX No mesenteric lymphadenomegaly.
No ascites.

MN

AGE **ULTRASONOGRAPHIC FINDINGS**

10 years Primary Findings:

WEIGHT

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- Left renal pathology.
- Right renomegaly.
- Pancreatic nodules.

Secondary Findings:

- Urinary bladder sediment.

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

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Etiologies for the left kidney would be secondary to chronic bacterial nephritis, abscessation, neoplasia, and granulomatous disease.

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The appearance of the right kidney is most likely age-related with secondary compensatory hypertrophy.

HOSPITAL NAME

Although the pancreatic nodules may be incidental, neoplasia and granulomas need to be considered.

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Further assessment needs to be based on the results of the FNA cytology of the left kidney but could include urinalysi, FNA cytology of the pancreatic nodules, and 3-view thoracic radiographs. Left nephrectomy can also be considered.

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Specific therapy would be dependent on an etiological diagnosis.

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PATIENT

Odin Green

IMAGES

Left kidney

SPECIES

Feline

BREED

DSH

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HOSPITAL NAME

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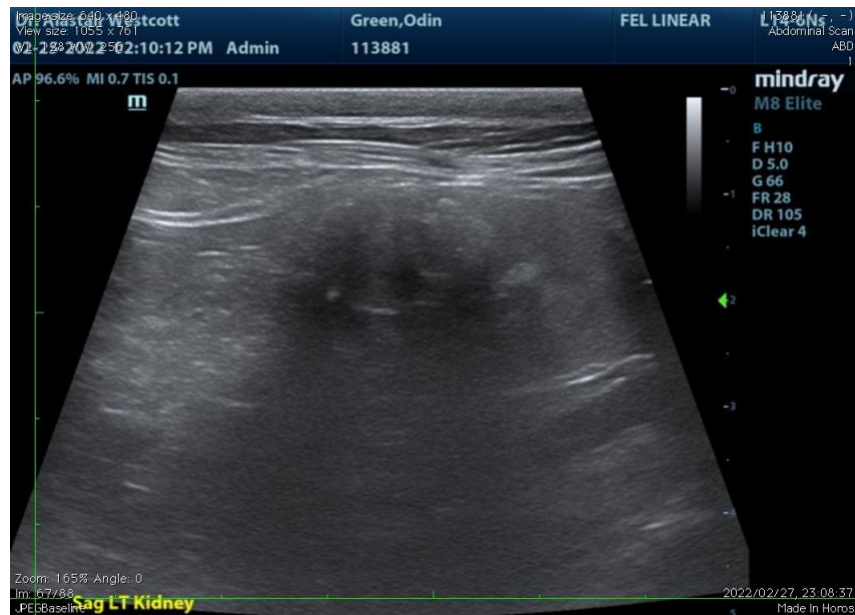
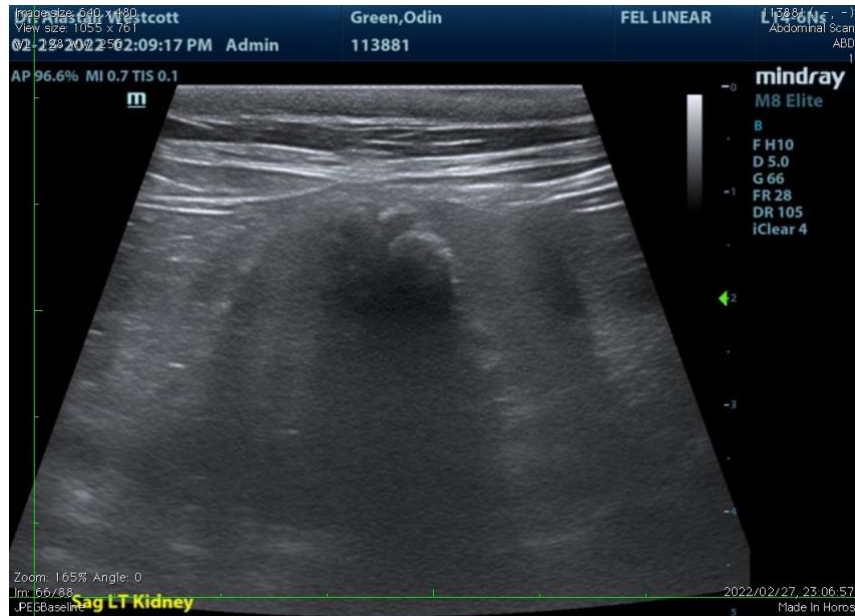
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PATIENT

Right kidney

Odin Green

SPECIES

Feline

BREED

DSH

SEX

MN

AGE

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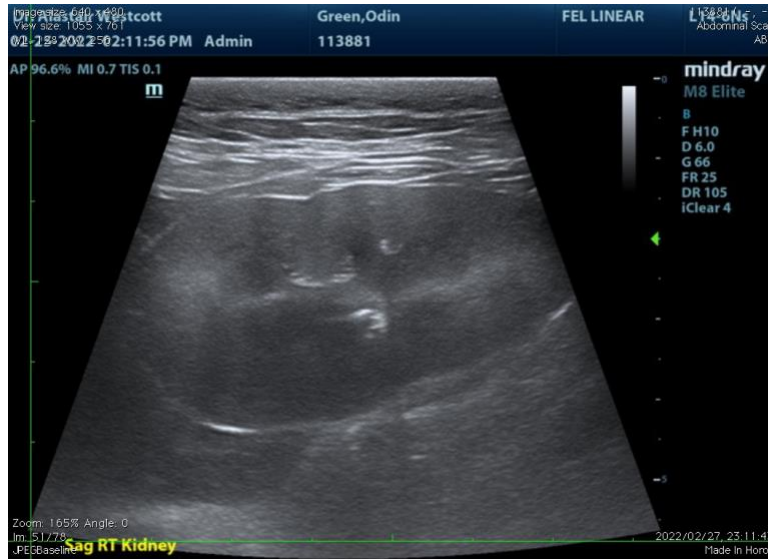
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Pancreas



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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