



PATIENT PRESENTING CLINICAL SIGNS

PATIENT Maru Wang History: Recurrent urethral obstruction with progressive azotemia despite urinary catheter and fluid therapy.

SPECIES Physical Examination: N/A.

Feline Urinalysis: N/A.

BREED CBC: N/A.

DLH Serum Biochemistry: Azotemia.

Radiographic Findings: N/A.

SEX

MN

Age

4 years

WEIGHT

8.2 kg

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

Full urinary bladder with a normal thickness and appearance of the wall with a focal thinning/defect of the apical wall. Moderate amount of hyperechogenic sediment present. No uroliths evident. Urinary catheter present.

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

Normal iliac lymph nodes. Ureters not visualized.

Enlarged (left 4.8 cm, right 4.6 cm) with normal echogenic appearance, some loss of cortico-medullary differentiation, and normal pelvis and capsule.

Reproductive System

N/A.

Adrenal Glands

Normal position, echogenic appearance, shape, and size. Left 0.52 cm.

Spleen

Normal size and echogenic appearance. Smooth homogenous parenchyma, regular curvilinear capsule, and normal vasculature. No evidence of inflammatory, neoplastic, infarction, or infiltrative changes noted.

Liver

Normal size, echogenic appearance, portal markings, and regular curvilinear capsule. No nodules or masses evident. Small gall bladder containing normal anechoic bile. Normal thickness and echogenic 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 (duodenum 0.33 cm, jejunum 0.29 cm) and peristalsis, and no distension of the lumen.

INTERPRETED BY

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

IMAGING PERFORMED BY

Dr Sarah Barthelemy

HOSPITAL NAME

Sanctuary Veterinary
Hospital

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DATE

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PATIENT *Pancreas*

Maru Wang 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.
Large amount of cellular ascites.

BREED Hyperechogenic appearance of the mesentery.

DLH

ULTRASONOGRAPHIC FINDINGS

SEX

Primary Findings:

MN

Age

- Perforation of the urinary bladder?
- Urinary bladder sediment.
- Ascites.
- Mesenteric inflammation.
- Renomegaly.

4 years

WEIGHT

Secondary Findings:

8.2 kg

- None.

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

With the history and progressive azotemia, the most likely diagnosis would be perforation of the urinary bladder and uroabdomen.

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The appearance of the kidneys is most likely secondary to the obstructive uropathy with acute kidney injury, a differential diagnosis.

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Further assessment would be analysis and creatinine assay of the ascitic fluid.

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Specific therapy would be a laparotomy.

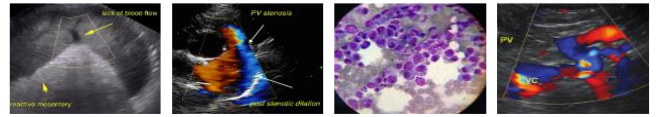
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PATIENT

Maru Wang

SPECIES

Feline

BREED

DLH

SEX

MN

Age

4 years

WEIGHT

8.2 kg

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HOSPITAL NAME

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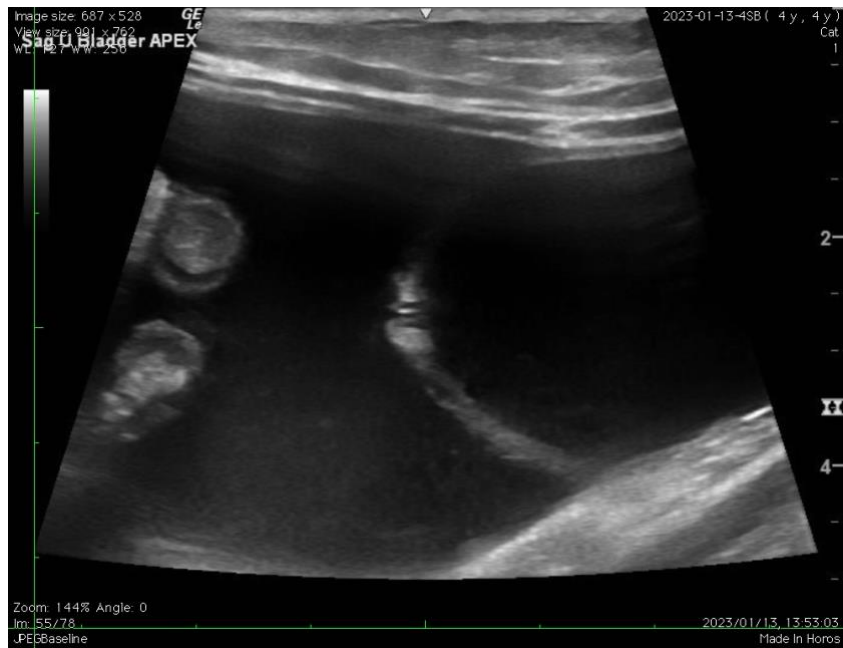
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IMAGES

Urinary bladder





PATIENT

Right kidney

Maru Wang

SPECIES

Feline

BREED

DLH

SEX

MN

Age

4 years

WEIGHT

8.2 kg



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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.

IMAGING PERFORMED BY

Dr Sarah Barthelemy

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.

HOSPITAL NAME

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