


PATIENT PRESENTING CLINICAL SIGNS

Midnight Bramble History: Acute kidney injury.

SPECIES Physical Examination: N/A.

Feline Urinalysis: N/A.

CBC: Neutrophilia.

BREED Serum Biochemistry: Severe azotemia, hyperkalemia.

DSH Radiographic Findings: N/A.

SEX ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

MN *Urinary System*

Age Full urinary bladder with a thickened and irregular appearance of the wall. Large amount of floating and dependent sediment present. No uroliths evident.

4 years Normal trigone area, proximal urethra (0.5 cm), and iliac blood vessels.

WEIGHT Normal iliac lymph nodes. Ureters not visualized.

Renomegaly (left 4.7 cm, right 4.8 cm) with increased echogenic appearance, some loss of cortico-medullary differentiation, and normal capsule. Bilateral pyelectasia (both 0.4 cm) and dilated proximal ureters (left 0.3 cm, right 0.2) with no obvious obstruction. Hyperechogenic appearance of the peri-renal tissue with small amount of fluid accumulation around the kidneys.

INTERPRETED BY *Reproductive System*

Remo Lobetti, BVSc,
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ECVIM

N/A.

IMAGING PERFORMED BY *Adrenal Glands*

Sonya Myers, DVM

Normal position, echogenic appearance, shape, and size. Left 0.51 cm, right 0.5 cm.

HOSPITAL NAME *Spleen*

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Normal size (0.7 cm) and echogenic appearance. Smooth homogenous parenchyma, regular curvilinear capsule, and normal vasculature. No evidence of inflammatory, neoplastic, infarction, or infiltrative changes noted.

REFERRING VET *Liver*

Dr Osman

INVOICE Normal size, echogenic appearance, portal markings, and regular curvilinear capsule. 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 (0.1 cm).

303946

DATE *Gastrointestinal*

2/28/23

Normal appearance of the stomach, duodenum, small intestine, ileo-cecal junction, and colon with no loss of layering, normal wall thickness (stomach 0.21 cm, duodenum 0.2 cm, jejunum 0.22 cm, colon 0.13 cm) and peristalsis, and no distension of the lumen.


PATIENT *Pancreas*

Midnight Bramble

Enlarged (0.7 x 4.3 cm) with a hypoechogenic appearance and irregular capsule. Hyperechogenic appearance of the mesentery and fat surrounding the pancreas.

SPECIES *Free Abdomen*

Feline

Normal mesenteric lymph nodes (1 cm).
Small amount of ascites present.

BREED

DSH

Thorax

Normal appearance of the heart.
No pericardial effusion evident.
No pleural effusion evident.

SEX

MN

Age
ULTRASONOGRAPHIC FINDINGS

4 years

Primary Findings:

WEIGHT

- Pancreatitis.
- Nephropathy.
- Cystitis

Secondary Findings:

- None.

INTERPRETED BY

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS
IMAGING PERFORMED BY

Sonya Myers, DVM

Etiologies for the nephropathy would be acute on chronic kidney disease, acute kidney injury (toxins, drugs, hypoxia), pyelonephritis, bacterial nephritis, granulomatous disease, and lymphoma.

HOSPITAL NAME

Etiologies for the cystitis would be bacterial, sterile, and crystalluria.

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Further assessment would be urinalysis, urine culture, fPL/PSL assay, and possibly FNA cytology of the kidneys.

REFERRING VET

Specific therapy would be dependent on an etiological diagnosis

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DATE

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PATIENT

Midnight Bramble

SPECIES

Feline

BREED

DSH

SEX

MN

Age

4 years

WEIGHT

IMAGES

Pancreas



INTERPRETED BY

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Left kidney

IMAGING PERFORMED BY

Sonya Myers, DVM

HOSPITAL NAME

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REFERRING VET

Dr Osman



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DATE

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PATIENT Right kidney

Midnight Bramble

SPECIES

Feline

BREED

DSH

SEX

MN

Age

4 years

WEIGHT



Urinary bladder

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IMAGING PERFORMED BY

Sonya Myers, DVM

HOSPITAL NAME

Oviedo Veterinary Care and
 Emergency

REFERRING VET

Dr Osman



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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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