



PATIENT PRESENTING CLINICAL SIGNS

Onyx Khan History: Urethral obstruction.

SPECIES Physical Examination: N/A.

Feline Urinalysis: N/A.

CBC: Neutropenia.

BREED Serum Biochemistry: N/A.

DSH Radiographic Findings: N/A.

SEX ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

MN **Urinary System**

Age Empty urinary bladder with a thickened wall (0.8 cm). Irregular appearance of the apical wall with focal thinning without any obvious leakage. Small amount of hyperechogenic sediment. No uroliths evident. Urinary catheter present. Small amount of fluid around the bladder and a hyperechogenic appearance of the mesentery.

WEIGHT Normal trigone area, proximal urethra (0.4 cm), and iliac blood vessels.

Normal iliac lymph nodes. Dilated right ureter (0.2 cm), left ureter not visualized.

INTERPRETED BY

Renomegaly (left 4.1 cm right 4.4 cm) with normal echogenic appearance, cortico-medullary differentiation, and pelvis and left capsule. Irregular right capsule.

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Reproductive System

IMAGING PERFORMED BY

N/A

Sonya Myers, DVM

Adrenal Glands

HOSPITAL NAME

Normal shape, echogenic appearance, size, and position. Left 0.27 cm, right 0.3 cm.

Oviedo Veterinary Care and
Emergency

Spleen

REFERRING VET

Normal size (0.5 cm) and echogenic appearance. Smooth homogenous parenchyma, regular curvilinear capsule, and normal vasculature. No evidence of inflammatory, neoplastic, infarction, or infiltrative changes noted. Incidental myelolipoma.

Dr Rivera

Liver

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 appearance of the gall bladder wall. Normal bile duct (0.2 cm).

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Gastrointestinal

8/12/22

Normal appearance of the stomach, duodenum, small intestine, ileo-cecal junction, and colon with no loss of layering, normal wall thickness (stomach 0.42 cm, jejunum 0.19 cm, colon 0.15 cm) and peristaltic activity, and no distension of the lumen.



PATIENT *Pancreas*

Onyx Khan

Normal size (right 0.7 cm, left 0.7 cm) with the left lobe having a hypoechogenic appearance and the right lobe a mottled echogenic appearance. Hyperechogenic appearance of the mesentery and fat surrounding the left lobe of the pancreas.

SPECIES

Feline

Free Abdomen

BREED

DSH

Mesenteric lymphadenomegaly (0.4 x 1.9 cm) with normal shape and echogenic appearance. No ascites.

SEX

MN

Age

2 years

Primary Findings:

- Cystitis.
- Renomegaly.
- Pancreatitis.
- Lymphadenomegaly.

WEIGHT

Secondary Findings:

- None.

INTERPRETED BY

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The appearance of the urinary bladder and kidneys is consistent with the history of urethral obstruction with interstitial cystitis being the most likely diagnosis.

The appearance of the pancreas is consistent with chronic active pancreatitis.

The most likely etiology for the lymph nodes would be reactive with lymphadenitis and infiltrative neoplasia, unlikely differential diagnoses,

Further assessment would be urinalysis, urine culture, and fPL/PSL assay.

Further specific therapy would be dependent on an etiological diagnosis.

IMAGING PERFORMED BY

Sonya Myers, DVM

HOSPITAL NAME

Oviedo Veterinary Care and
Emergency

REFERRING VET

Dr Rivera

INVOICE

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PATIENT

Onyx Khan

SPECIES

Feline

BREED

DSH

SEX

MN

Age

2 years

WEIGHT

IMAGES

Urinary bladder



INTERPRETED BY

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PATIENT Pancreas

Onyx Khan

SPECIES

Feline

BREED

DSH

SEX

MN

Age

2 years

WEIGHT



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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.

IMAGING PERFORMED BY

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