



PATIENT PRESENTING CLINICAL SIGNS

PATIENT Snoopy Jones History: Suspected pyelonephritis.

SPECIES Physical Examination: N/A.

Feline Urinalysis: N/A.

CBC: N/A.

BREED Serum Biochemistry: N/A.

DSH Radiographic Findings: N/A.

SEX ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

MN *Urinary System*

Age Full urinary bladder with a normal thickness and appearance of the wall. Normal anechoic urine with no sediment or uroliths evident.

WEIGHT Normal trigone area, proximal urethra (0.3 cm), and iliac blood vessels.

Normal iliac lymph nodes. Ureters not visualized.

Small left kidney (left 2.9 cm), enlarged right kidney (6.2 cm) both with increased echogenic appearance, loss of cortico-medullary differentiation (left worse than right), pyelectasia (left 0.3 cm, right 0.6 cm), cortical mineralization, and irregular capsule. Small amount of peri-nephritic fluid and hyperechogenic appearance of the peri-renal fat. FNA taken of the right kidney with no obvious post aspirate hemorrhage.

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Reproductive System

N/A.

Adrenal Glands

Rounded shape with a hypoechogenic appearance, normal position, and bilaterally enlarged. Left 1.3 x 0.57 cm, right 1.26 x 0.58 cm.

Spleen

Normal size (0.6 cm) 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 (0.2 cm).

IMAGING PERFORMED BY

Sonya Myers, DVM

HOSPITAL NAME

Oviedo Veterinary Care and
Emergency

REFERRING VET

Dr Rivera

INVOICE

303394

DATE

9/12/22


PATIENT *Gastrointestinal*

Snoopy Jones Normal appearance of the stomach, duodenum, small intestine, ileo-cecal junction, and colon with no loss of layering, normal wall thickness (duodenum 0.17 cm, jejunum 0.22 cm) and peristaltic activity, and no distension of the lumen.

SPECIES

Feline

Pancreas
BREED

DSH

Normal size (right 0.6 cm, left 0.7 cm), echogenic appearance, and regular capsule. Normal echogenic appearance of the mesentery and fat surrounding the pancreas.

Free Abdomen
SEX

Normal mesenteric lymph nodes (0.9 cm).
No ascites.

MN
Age

7 years

ULTRASONOGRAPHIC FINDINGS

Primary Findings:

- Renal disease.
- Bilateral adrenomegaly.

WEIGHT

Secondary Findings:

- None.

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Etiologies for both kidneys would be pyelonephritis, bacterial nephritis, acute kidney injury (hypoxia, toxins), and hypertensive nephropathy. The small left kidney may be from a previous episode of obstructive uropathy, infection or developmental disorder with compensatory right kidney hypertrophy. Other etiologies for the right kidney would be lymphoma and granulomatous disease.

Etiologies for the adenomegaly would be disease stress, Conn's syndrome, and Cushing's disease.

Further assessment needs to be based on the pending renal cytology results but could include urinalysis, urine culture, blood pressure, renal function (urea, creatinine, SDMA), serum potassium, serum aldosterone, and possibly ACTH stimulation test.

Specific therapy would be dependent on an etiological diagnosis.

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PATIENT

Snoopy Jones

SPECIES

Feline

BREED

DSH

SEX

MN

Age

7 years

WEIGHT

IMAGES

Left kidney



Right kidney



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PATIENT Left adrenal gland

Snoopy Jones

SPECIES

Feline

BREED

DSH

SEX

MN

Age

7 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.

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