



PATIENT PRESENTING CLINICAL SIGNS

Ellie Schear History: Anorexia past few days, PuPd, inappropriate urination, and progressive lethargy.

SPECIES Physical Examination: N/A.

Feline Urinalysis: SG 1.016, mixed population bacteria.

CBC: Mild anemia, thrombocytopenia.

BREED Serum Biochemistry: Azotemia, hyperglycemia, hypocalcemia.

DSH Radiographic Findings: N/A.

SEX

FS

AGE

13 years

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

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

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

8.8 # Normal iliac lymph nodes. Ureters not visualized.

INTERPRETED BY

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

Renomegaly (left 4.1 cm, right 4.7 cm) with increased echogenic appearance, loss of cortico-medullary differentiation, and normal pelvis and capsule.

Reproductive System

N/A.

IMAGING PERFORMED BY

Cathleen Whitcraft, DVM

Adrenal Glands

Normal position, echogenic appearance, shape, and size.

HOSPITAL NAME

Spleen

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

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REFERRING VET

Liver

Normal size, echogenic appearance, portal markings, and regular curvilinear capsule. No nodules or masses evident.

Cameron Johnson, DVM

INVOICE

Gall bladder

304190

Full containing normal anechoic bile. Normal appearance and thickness of the wall. Normal bile duct.

DATE

5/3/23



PATIENT *Gastrointestinal*

Ellie Schear 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. Ingesta within the stomach.

SPECIES

Feline *Pancreas*

BREED Normal size and echogenic appearance. Regular capsule. Normal echogenic appearance of the mesentery and fat surrounding the pancreas.

DSH *Free Abdomen*

SEX No mesenteric lymphadenomegaly.
No ascites evident.

FS

AGE **ULTRASONOGRAPHIC FINDINGS**

13 years Primary Findings:

- WEIGHT**
- Renal disease.
 - Cystitis

8.8 # Secondary Findings:

- None.

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Etiologies for the renal disease would be acute kidney injury (toxins, hypoxia, infectious), bacterial nephritis, granulomatous disease, and lymphoma.

The appearance of the urinary bladder is consistent with cystitis (bacterial, sterile) with emerging neoplasia a less likely differential diagnosis.

Further assessment would be urine culture and FNA cytology of the kidneys.

Specific therapy would be dependent on an etiological diagnosis. Initial supportive therapy would be fluid therapy and correction of electrolyte anomalies.

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HOSPITAL NAME

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PATIENT IMAGES

Ellie Schear **Right kidney**

SPECIES

Feline

BREED

DSH

SEX

FS

AGE

13 years

WEIGHT

8.8 #

Urinary bladder



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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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