



PATIENT PRESENTING CLINICAL SIGNS

Tikka Miller History: Possible gastric mass and AKI.

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

FS **Urinary System**

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

9 years

Normal trigone area, proximal urethra (0.2 cm), and iliac blood vessels.

WEIGHT

10 #

Normal iliac lymph nodes. Ureters not visualized.

INTERPRETED BY

Remo Lobetti, BVSc,
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ECVIM

Bilateral renomegaly (left 6.2 cm, right 6.1 cm) with increased echogenic appearance, loss of cortico-medullary differentiation, pyelectasia (left 0.4 cm, right 0.3 cm), and irregular capsule. Small amount of subcapsular fluid accumulation. Hyperechogenic appearance of the peri-nephritic fat.

Reproductive System

N/A.

Adrenal Glands

Normal position, echogenic appearance, shape, and size. Left 0.47 cm, right 0.47 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 small amount of hyperechogenic sediment. Normal thickness and echogenic appearance of the gall bladder wall. Mildly dilated bile duct (0.4 cm).

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DATE

10/25/22

IMAGING PERFORMED BY

Sonya Myers, DVM

HOSPITAL NAME

Oviedo Veterinary Care and
Emergency

REFERRING VET

Dr Malisse


PATIENT *Gastrointestinal*

Tikka Miller

Normal appearance of the duodenum, small intestine, ileo-cecal junction, and colon with no loss of layering, normal wall thickness (duodenum 0.19 cm, jejunum 0.21 cm, colon 0.23 cm) and peristaltic activity, and no distension of the lumen. Large irregular mottled echogenic solid mass (3.7 x 4 cm) in the region of the cardia/fundus. FNA taken with no obvious hemorrhage post aspirate. Normal appearance of the rest of the stomach.

SPECIES

Feline

BREED *Pancreas*

DSH

Normal size (right 0.4 cm) and echogenic appearance. Regular capsule. Normal echogenic appearance of the mesentery and fat surrounding the pancreas.

SEX *Free Abdomen*

FS

Normal mesenteric lymph nodes (2.6 cm).

Age

No ascites.

9 years

ULTRASONOGRAPHIC FINDINGS
WEIGHT

10 #

Primary Findings:

- Gastric mass.
- Renal pathology.

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Secondary Findings:

- Gall bladder sediment.
- Dilated bile duct.

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Etiologies for the gastric mass would be neoplasia (lymphoma, carcinoma) and granuloma.

Etiologies for the renal pathology would be acute kidney injury (toxins, hypoxia), bacterial nephritis, pyelonephritis, FIP, and lymphoma.

Further assessment needs to be based on the pending cytology results but could include 3-view thoracic radiographs, urinalysis, urine culture, renal function, FNA cytology of the kidneys, and gastroscopy.

Specific therapy would be dependent on an etiological diagnosis.

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PATIENT IMAGES

Tikka Miller **Gastric mass**

SPECIES

Feline

BREED

DSH

SEX

FS

Age

9 years

WEIGHT

10 #



Right kidney

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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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