


PATIENT PRESENTING CLINICAL SIGNS

Penelope Hutton History: Ataxia, weight loss, normal appetite.

SPECIES Physical Examination: Ascites.

Feline Urinalysis: N/A.

CBC: N/A.

BREED Serum Biochemistry: N/A.

DSH Radiographic Findings: N/A.

SEX

FS

AGE

13 years

WEIGHT

10 #

INTERPRETED BY

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

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN
Urinary System

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

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

Normal iliac lymph nodes (0.9 cm). Ureters not visualized.

Left kidney – normal size (3.6 cm) with increased echogenic appearance, some loss of cortico-medullary differentiation, normal pelvis, and irregular capsule.

Right kidney – normal size (3.9 cm) with increased echogenic appearance, loss of cortico-medullary differentiation, pyelectasia (0.3 cm), and irregular capsule. Thickening of the subcapsular area. FNA taken with no obvious post aspirate hemorrhage.

IMAGING PERFORMED BY

Sonya Myers, DVM

Reproductive System

N/A.

HOSPITAL NAME

Lake Emma Animal
Hospital

Adrenal Glands

Normal shape, echogenic appearance, size, and position. Left 0.38 cm.

REFERRING VET

Dr Hecker

Spleen

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.

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Liver

Enlarged with a diffuse hypoechogenic appearance, and prominent portal markings. Regular curvilinear capsule. FNA taken with no obvious post aspirate hemorrhage. 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).

DATE

7/19/22


PATIENT
Gastrointestinal

Penelope Hutton

Normal appearance of the stomach, duodenum, small intestine, ileo-cecal junction, and colon with no loss of layering, normal wall thickness (duodenum 0.25 cm, jejunum 0.21 cm, colon 0.8 cm). and peristaltic activity, and no distension of the lumen.

SPECIES

Feline

Pancreas
BREED

DSH

Normal size (right 0.8 cm) and echogenic appearance. Regular curvilinear capsule. Normal echogenic appearance of the mesentery and fat surrounding the pancreas.

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Normal mesenteric lymph nodes (3.7 cm).

Hyperechogenic and nodular appearance of the mesentery. FNA taken with not obvious post aspirate hemorrhage.

Small amount of ascites.

WEIGHT

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Thorax

No pericardial or pleural effusion.

Tachycardia.

Normal appearance on the heart.

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ULTRASONOGRAPHIC FINDINGS

Primary Findings:

- Right renal pathology.
- Hepatopathy.
- Nodular mesenteric inflammation.
- Ascites.

Secondary Findings:

- Age-related renal changes of the left kidney.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Etiologies for the right kidney would be FIP, granulomatous reaction, neoplasia.

Etiologies for the hepatopathy would be reactive, vacuolar, cholangio-hepatitis complex, FIP, early lipidosis, and infiltrative neoplasia.

The most likely etiology for the mesentery and ascites would be carcinomatosis, with granulomatous disease a differential diagnosis.

Further assessment/therapy needs to be based on the results of the FNA cytology.

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IMAGES

Right kidney



Liver





PATIENT

Mesentery/ascites

Penelope Hutton

SPECIES

Feline

BREED

DSH

SEX

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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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