



PATIENT PRESENTING CLINICAL SIGNS

Ernie Knue History: One day duration of anorexia, lethargy, and one episode of vomiting.

SPECIES Physical Examination: Dehydrated, polypnea, pyrexia, BCS 7/9.

Feline Urinalysis: N/A.

CBC: Neutrophilia.

BREED Serum Biochemistry: Severely elevated ALT activity, elevated bilirubin.

DSH Radiographic Findings: N/A.

SEX

MN

AGE

10years Full urinary bladder with a normal thickness and appearance of the wall. Small amount of floating hyperechogenic sediment. No uroliths evident.

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

11.5 # Normal iliac lymph nodes. Ureters not visualized.

INTERPRETED BY

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

Normal renal size with increased echogenic appearance, some loss of cortico-medullary differentiation, and normal pelvis and capsule.

Reproductive System

N/A.

IMAGING PERFORMED BY

Dr Ukachi Ugorji, DVM

Adrenal Glands

Normal shape, echogenic appearance, and position. Normal size of the left gland, enlarged right gland.

HOSPITAL NAME

Spleen

Enlarged with a hypoechogenic appearance and scalloped capsule. Smooth homogenous parenchyma and normal vasculature. No evidence of inflammatory, neoplastic, infarction, or infiltrative changes noted.

Craig Road Animal Hospital

REFERRING VET

Dr Jansen

Liver

INVOICE

303432

Normal size with a diffuse increased echogenic appearance, some loss of portal markings, and regular curvilinear capsule. No nodules or masses evident. Small gall bladder containing small amount of hyperechogenic sediment. Normal appearance and thickness of the gall bladder wall. Normal bile duct.

DATE

9/26/22

Gastrointestinal

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.



PATIENT *Pancreas*

Ernie Knue Normal size and echogenic appearance. Normal echogenic appearance of the mesentery and fat surrounding the pancreas.

SPECIES *Free Abdomen*

Feline No mesenteric lymphadenomegaly.
No ascites.

BREED

DSH

ULTRASONOGRAPHIC FINDINGS

Primary Findings:

- Hepatopathy.
- Splenic pathology.
- Right adrenomegaly.

SEX

MN

AGE

10years

Secondary Findings:

- Age-related renal changes.
- Gall and urinary bladder sediment.

WEIGHT

11.5 #

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Etiologies for the hepatopathy would be cholangio-hepatitis complex, acute hepatitis (viral, bacterial, toxins), lipidosis, granulomatous disease, and infiltrative neoplasia.

The most likely etiology for the spleen would be reactive, with splenitis and infiltrative neoplasia differential diagnosis.

Etiologies for the right adrenal gland would be incidental finding, emerging Conn's syndrome, and emerging Cushing's disease.

Further assessment would be urinalysis, serum potassium, FNA cytology of the liver and spleen, and possibly an ACTH stimulation test. If hypokalemia is present then serum aldosterone would be indicated.

Specific therapy would be dependent on an etiological diagnosis. Symptomatic management of the liver would be nutritional support, ursodiol, and anti-emetics.

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PATIENT IMAGES

Ernie Knue **Spleen**

SPECIES

Feline

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Liver





PATIENT Right adrenal

Ernie Knue

SPECIES

Feline

BREED

DSH

SEX

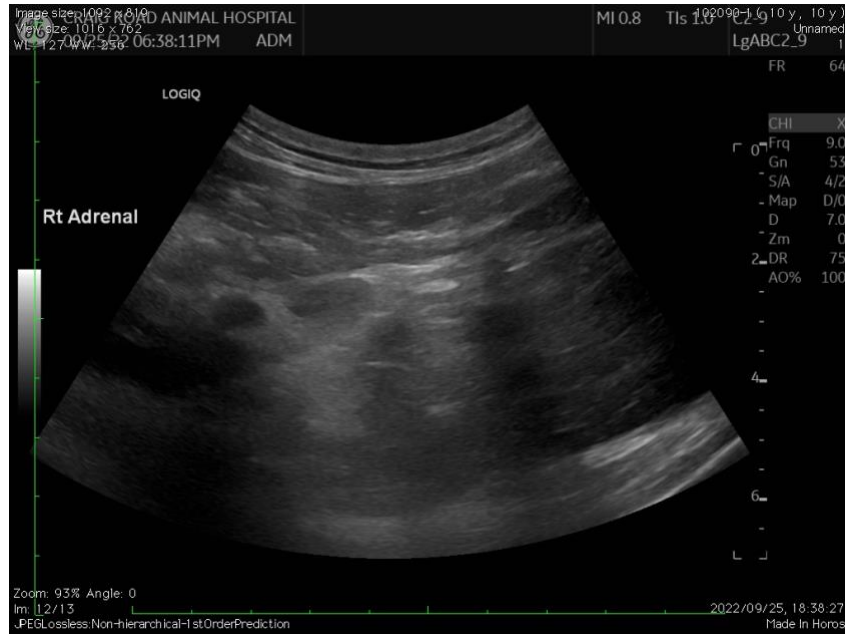
MN

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ECVIM

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.

Remo Lobetti, BVSc, MMedVet (Med), PhD, Dipl. ECVIM (Internal Medicine)
rlobetti@mweb.co.za

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