



PATIENT PRESENTING CLINICAL SIGNS

Bob McNulty History: Chronic vomiting with good appetite. Previous food trial unsuccessful.

SPECIES Physical Examination: Grade 2-3/6 heart murmur, mild periodontal disease.

Feline Urinalysis: Normal.

CBC: Normal.

BREED Serum Biochemistry: Elevated free T4, rest within reference range.

DSH Radiographic Findings: N/A.

SEX ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

MN **Urinary System**

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

12 years

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

9 # Normal iliac lymph nodes. Ureters not visualized.

INTERPRETED BY Enlarged kidneys (left 4.4 cm, right 4.7 cm) with increased echogenic appearance (right worse than the left), some loss of cortico-medullary differentiation, and normal pelvis and capsule.

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Reproductive System

N/A.

IMAGING PERFORMED BY Adrenal Glands

Normal shape, echogenic appearance, position, and size.

Dr Amanda Olsen, VMD **Spleen**

HOSPITAL NAME Normal size and echogenic appearance. Smooth homogenous parenchyma, smooth curvi-linear capsule, and normal vasculature. No evidence of inflammatory, neoplastic, infarction, or infiltrative changes noted.

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Liver

REFERRING VET Normal size, echogenic appearance, and portal markings. No nodules evident. Focal small parenchymal cystic mass in the right liver lobe. Small gall bladder containing normal anechoic bile. Normal thickness and echogenic appearance of the gall bladder wall. Normal bile duct.

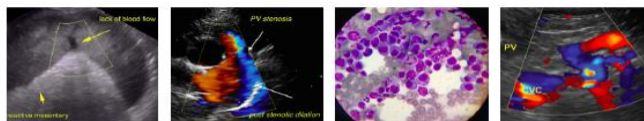
Dr Amanda Olsen, VMD

INVOICE Gastrointestinal

302977 Normal appearance of the stomach, duodenum, ileo-cecal junction, and colon with no loss of layering, normal wall thickness and peristaltic activity, and no distension of the lumen. Prominent hypoechogenic appearance of the submucosal layer of the small intestine but with no loss of layering or distension of the lumen.

DATE

5/20/22



PATIENT *Pancreas*

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

SPECIES *Free Abdomen*

Feline No mesenteric lymphadenomegaly.
No ascites.

BREED **ULTRASONOGRAPHIC FINDINGS**

DSH Primary Findings:

- SEX**
- Renomegaly.
 - Enteropathy.

MN Secondary Findings:

- AGE**
- Hepatic cystadenoma.

12 years

WEIGHT **INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

9 # Although the appearance of the kidneys may merely be an age-related change, emerging lymphoma needs to be considered.

INTERPRETED BY Etiologies for the enteropathy would be inflammatory bowel disease, parasitic enteritis, and emerging lymphoma.

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Dipl. ECVIM

Further assessment would be fecal analysis, serum cobalamin assay, TSH assay, FNA cytology of the kidneys, endoscopy of the upper GI tract with biopsies, and possibly echocardiography.

IMAGING PERFORMED BY Specific therapy would be dependent on an etiological diagnosis.

Dr Amanda Olsen, VMD

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PATIENT

Bob McNulty

IMAGES

Liver

SPECIES

Feline

BREED

DSH

SEX

MN

AGE

12 years

WEIGHT

9 #

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HOSPITAL NAME

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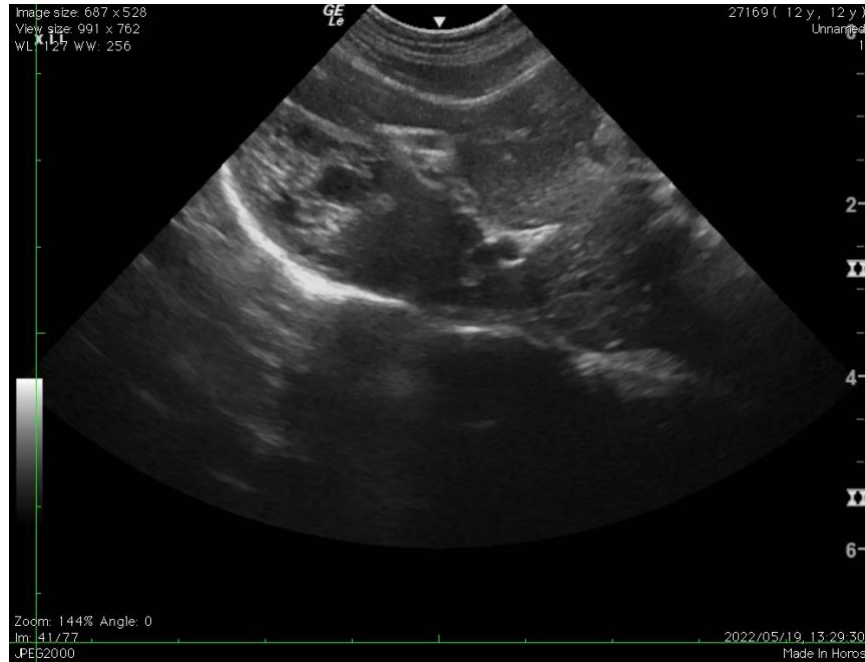
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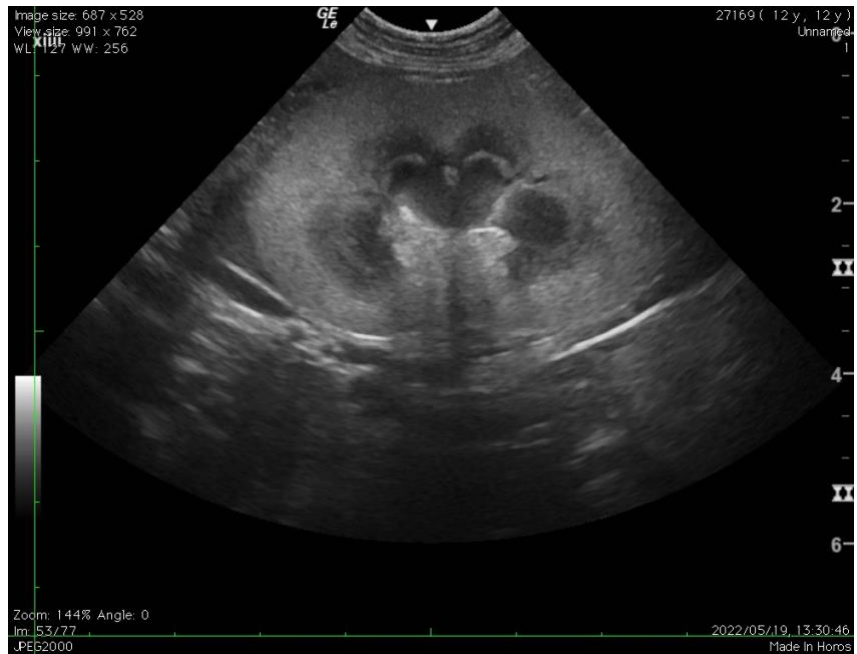
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Right kidney





PATIENT

Small intestine

Bob McNulty

SPECIES

Feline

BREED

DSH

SEX

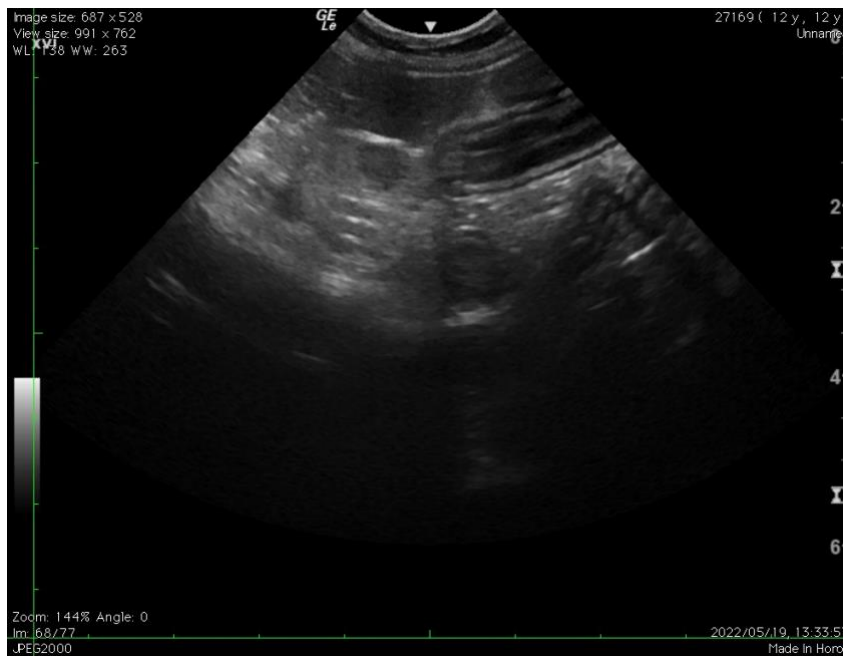
MN

AGE

12 years

WEIGHT

9 #



INTERPRETED BY

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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.

IMAGING PERFORMED BY

Dr Amanda Olsen, VMD

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.

HOSPITAL NAME

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