



PATIENT PRESENTING CLINICAL SIGNS

Holly Wallace History: Intermittent diarrhea and decreased appetite since early January. Urinary incontinence, bronchitis and proteinuria.

SPECIES Physical Examination: Grade II/VI systolic heart murmur, tense and mildly tender abdomen.

Canine Urinalysis: SG 1.039, proteinuria. Negative sediment.

BREED CBC: Normal.

Yorkshire terrier Serum Biochemistry: Elevated ALP activity, urea, potassium, and PSL.

Radiographic Findings: N/A.

SEX

FS

AGE

11 ½ years

WEIGHT

13 #

INTERPRETED BY

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

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

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

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

Normal iliac lymph nodes. Ureters not visualized.

Normal renal size (left 4.7 cm, right 4.6 cm) with increased echogenic appearance, some loss of cortico-medullary differentiation, and normal pelvis and capsule.

Reproductive System

N/A.

Adrenal Glands

Normal shape, echogenic appearance, size, and position. Left 1.17 x 0.56 cm, right 0.98 x 0.29 cm.

Spleen

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.

Liver

Normal size, echogenic appearance and portal markings. No nodules or masses evident. Distended gall bladder containing large amount of hyperechogenic non-adherent sediment. Normal appearance and thickness of the gall bladder wall. Normal bile duct.

Gastrointestinal

Normal appearance of the stomach, 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 duodenum and small intestine but no loss of layering.

IMAGING PERFORMED BY

Dr Megan Cassels-Conway, DVM

HOSPITAL NAME

Central Broward Animal Hospital

REFERRING VET

Dr Janeen Lezcano, DVM

INVOICE

302724

DATE

2/3/22



PATIENT *Pancreas*

Holly Wallace Normal size with a diffuse hyperechogenic appearance. Irregular capsule. Hyperechogenic appearance of the mesentery and fat surrounding the pancreas.

SPECIES *Free Abdomen*

Canine No mesenteric lymphadenomegaly.
No ascites.

BREED

Yorkshire terrier **ULTRASONOGRAPHIC FINDINGS**

Primary Findings:

- Enteropathy
- Pancreatitis.

SEX

FS

AGE

- 11 ½ years
- Gall bladder sediment.
 - Age-related renal changes.

WEIGHT

13 #

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Etiologies for the enteropathy would be inflammatory bowel disease, parasitic enteritis, and dietary hypersensitivity.

INTERPRETED BY

The appearance of the pancreas is indicative of chronic-active pancreatitis.

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

Although the appearance of the gall bladder may merely be secondary to the enteropathy and pancreatitis, an emerging mucocele needs to be considered and monitored for.

IMAGING PERFORMED BY

Further assessment would be fecal analysis, cobalamin assay, and possibly endoscopy of the upper GI tract with biopsies.

Dr Megan Cassels-
Conway, DVM

Specific therapy would be dependent on an etiological diagnosis. Symptomatic management would be feeding a low-fat intestinal diet, cobalamin supplementation, course of fenbendazole and/or metronidazole, and possibly budesonide.

HOSPITAL NAME

Central Broward Animal
Hospital

REFERRING VET

Dr Janeen Lezcano, DVM

INVOICE

302724

DATE

2/3/22



PATIENT

Holly Wallace

SPECIES

Canine

BREED

Yorkshire terrier

SEX

FS

AGE

11 ½ years

WEIGHT

13 #

INTERPRETED BY

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

IMAGES

Gall bladder



Pancreas

IMAGING PERFORMED BY

Dr Megan Cassels-Conway, DVM

HOSPITAL NAME

Central Broward Animal Hospital

REFERRING VET

Dr Janeen Lezcano, DVM

INVOICE

302724

DATE

2/3/22





PATIENT

Duodenum

Holly Wallace

SPECIES

Canine

BREED

Yorkshire terrier

SEX

FS

AGE

11 ½ years

WEIGHT

13 #

INTERPRETED BY

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

IMAGING PERFORMED BY

Dr Megan Cassels-
Conway, DVM

HOSPITAL NAME

Central Broward Animal
Hospital

REFERRING VET

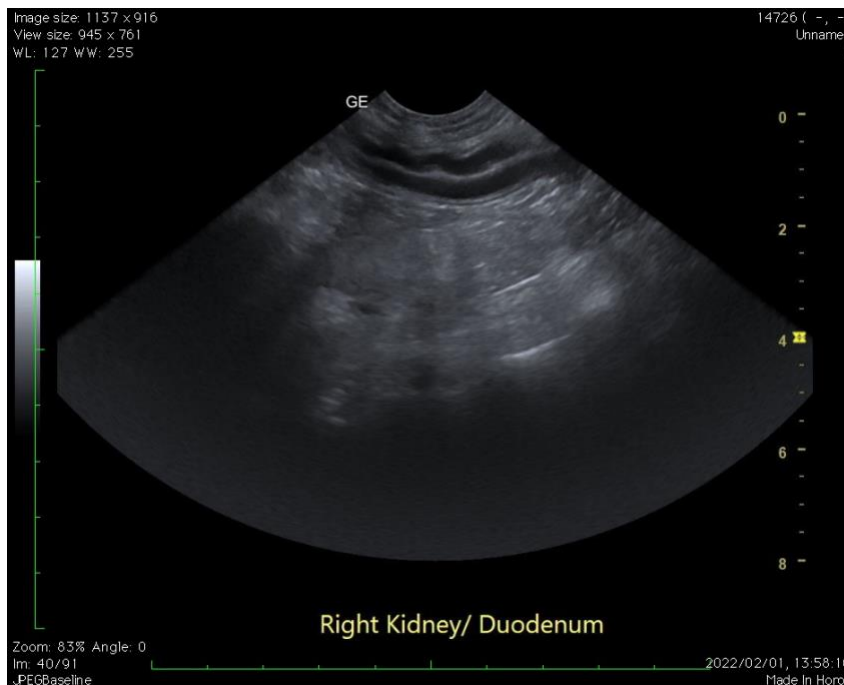
Dr Janeen Lezcano, DVM

INVOICE

302724

DATE

2/3/22



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