


PATIENT PRESENTING CLINICAL SIGNS

River Cusano History: Vomiting and diarrhea.

SPECIES Physical Examination: N/A.

Canine Urinalysis: N/A.

CBC: Neutropenia.

BREED Serum Biochemistry: Elevated ALP activity and pancreatic values.

Yorkshire terrier Radiographic Findings: Hepatomegaly and loss of serosal detail.

SEX ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

 MN **Urinary System**
AGE Full urinary bladder with a normal thickness and appearance of the wall. Small amount of floating hyperechogenic sediment. No uroliths evident.

8 years

Normal trigone area, proximal urethra (0.4 cm), and iliac blood vessels.

WEIGHT Normal iliac lymph nodes (1.2 cm). Ureters not visualized.

21 #

Normal renal size (left 5.1 cm, right 5.4 cm) with increased echogenic appearance, some loss of cortico-medullary differentiation, and normal pelvis and capsule.

INTERPRETED BY **Reproductive System**

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

Small hypoechogenic prostate.

Adrenal Glands

Normal shape, echogenic appearance, and position but plumb in size. Left 0.74/0.71 cm, right 0.63/0.73 cm.

Spleen

Normal size (1.7 cm) and echogenic appearance. Smooth homogenous parenchyma, regular capsule, and normal vasculature. No evidence of inflammatory, neoplastic, infarction, or infiltrative changes noted.

Liver

Enlarged with rounded edges, increased echogenic appearance and some loss of portal markings. No nodules or masses evident. Full gall bladder containing moderate amount of hyperechogenic sediment. Normal thickness and echogenic appearance of the gall bladder wall. Normal bile duct (0.2 cm).

Gastrointestinal

Normal appearance of the stomach, duodenum, small intestine, ileo-cecal junction, and colon with no loss of layering, normal wall thickness (stomach 0.47 cm, duodenum 0.39 cm, jejunum 0.42 cm) and peristaltic activity, and no distension of the lumen.

IMAGING PERFORMED BY

Sonya Myers, DVM

HOSPITAL NAME

Oviedo Veterinary Care and Emergency

REFERRING VET

Dr Kim

INVOICE

303087

DATE

7/1/22


PATIENT *Pancreas*

River Cusano

Enlarged (up to 2.6 cm) and irregular with a diffuse hypoechogenic appearance. Hyperechogenic appearance of the mesentery and fat surrounding the pancreas.

SPECIES
Free Abdomen

Canine

 Normal mesenteric lymph nodes (2.3 cm).
 Small amount of acellular ascites in the cranial abdomen.

BREED

Yorkshire terrier

ULTRASONOGRAPHIC FINDINGS

Primary Findings:

SEX

- Pancreatitis.
- Hepatopathy.
- Ascites.
- Adrenomegaly.

MN

AGE

8 years

Secondary Findings:

WEIGHT

21 #

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

INTERPRETED BY

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

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The appearance of the pancreas is consistent with acute pancreatitis with associated mesenteric inflammation and regional ascites.

IMAGING PERFORMED BY

Sonya Myers, DVM

Etiologies for the hepatopathy would be reactive secondary to the pancreatitis, vacuolar, metabolic, and hepatitis, with infiltrative neoplasia an unlikely differential diagnosis.

HOSPITAL NAME

 Oviedo Veterinary Care
 and Emergency

Etiologies for the adrenomegaly would be disease stress and emerging pituitary-dependent Cushing's disease.

REFERRING VET

Dr Kim

At this point further assessment is not indicated.

Management of the pancreatitis would be fluid therapy, correction of electrolyte anomalies (if present), anti-emetics, feeding a low-fat intestinal diet, and opioid analgesics. A short course of prednisolone (½ mg/kg sid for 2-3 days) has been shown to improve the recovery period with acute pancreatitis.

INVOICE

303087

DATE

7/1/22



PATIENT

River Cusano

SPECIES

Canine

BREED

Yorkshire terrier

SEX

MN

AGE

8 years

WEIGHT

21 #

INTERPRETED BY

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

IMAGING PERFORMED BY

Sonya Myers, DVM

HOSPITAL NAME

Oviedo Veterinary Care
 and Emergency

REFERRING VET

Dr Kim

INVOICE

303087

DATE

7/1/22

IMAGES

Pancreas





PATIENT

Liver

River Cusano

SPECIES

Canine

BREED

Yorkshire terrier

SEX

MN

AGE

8 years

WEIGHT

21 #



INTERPRETED BY

Remo Lobetti, BVSc,
 MMedVet (Med), PhD,
 Dipl. 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)
robetti@mweb.co.za

IMAGING PERFORMED BY

Sonya Myers, DVM

HOSPITAL NAME

Oviedo Veterinary Care
 and Emergency

REFERRING VET

Dr Kim

INVOICE

303087

DATE

7/1/22