



**PATIENT**

Coco Smith

**SPECIES**

Canine

**BREED**

Yorkshire terrier

**SEX**

FS

**AGE**

13 years

**WEIGHT**

3.6 kg

**INTERPRETED BY**

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

**IMAGING PERFORMED BY**

Seth Mitchell, DVM

**HOSPITAL NAME**

Treasure Coast Animal  
Emergency

**REFERRING VET**

Dr Cail

**INVOICE**

303872

**DATE**

2/8/23

**PRESENTING CLINICAL SIGNS**

History: Polypnea, bloated and painful abdomen. Previous history of pancreatitis.

Physical Examination: Grade III/VI heart murmur (previously detected).

Urinalysis: N/A.

CBC: N/A.

Serum Biochemistry: N/A.

Radiographic Findings: GI tract gas and hepatomegaly.

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

**Urinary System**

Full urinary bladder with a normal thickness and appearance of 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 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, position, and size. Left 0.68 cm.

**Spleen**

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

**Liver**

Normal size, echogenic appearance, portal markings, and regular curvilinear capsule. No nodules or masses evident. Full gall bladder containing normal anechoic bile. Normal thickness and echogenic appearance of the gall bladder wall. Normal bile duct.



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***Gastrointestinal***

Normal appearance of the gastro-esophageal junction, stomach, duodenum, small intestine, ileo-cecal junction, and colon with no loss of layering, normal wall thickness (duodenum 0.25 cm, jejunum 0.2 cm) and peristalsis, and no distension of the lumen. Liquid fecal material in the colon.

***Pancreas***

Enlarged with a hyperechogenic and irregular appearance. Hyperechogenic appearance of the mesentery and fat surrounding the pancreas.

***Free Abdomen***

No mesenteric lymphadenomegaly.  
No ascites.

**ULTRASONOGRAPHIC FINDINGS**

Primary findings:

- Pancreatitis.

Secondary findings:

- Age-related renal changes.

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

With the history and appearance of the pancreas the most likely diagnosis would be chronic-active pancreatitis.

Further assessment would be cPL/PSL assay.

Initial management would be fluid therapy as needed, anti-emetics, analgesics (opioid and/or NSAIDs), and small frequent meals of a low-fat intestinal diet. Low-term management would be small frequent meals of a low-fat intestinal diet and analgesics as needed.



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**IMAGES**

**Pancreas**



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)**  
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