



PATIENT **ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

Lil Jack Cosentino History: diarrhea with intermittent vomiting
Abnormal PE/Chem/CBC/UA Results: Hypoalbuminemia

SPECIES **Urinary System**

Canine The urinary bladder is full (0.31 cm) with a normal thickness and smooth appearance of the wall. Normal anechoic urine with no sediment or uroliths evident.

BREED

Normal appearance of the trigone area, proximal urethra (0.30 cm), and iliac blood vessels.

Yorkshire Terrier

Normal appearance and size of the iliac lymph nodes. Ureters not visualized, which can be considered a normal finding.

SEX

Normal renal size (left 4.60 cm / right 5.20 cm), architecture, echogenic appearance, cortico-medullary differentiation, which maintains a 1:3 cortex to medulla ratio, pelvis, and capsule. No infarcts, mineralization or renoliths evident.

Neutered Male

AGE

Reproductive System

Small, hypoechogenic prostate (0.90 cm).

9 years

Adrenal Glands

Normal shape, echogenic appearance, size (left: 0.40 cm / right: 0.59 cm), position, and appearance of the visible peri-renal vasculature.

WEIGHT

14 lbs

Spleen

Normal size and echogenic appearance. Smooth homogenous parenchyma and regular curvilinear capsule. Normal volume of the splenic vasculature without any overt congestion or thrombosis evident. No inflammatory, neoplastic, infarction, or infiltrative changes evident.

INTERPRETED BY

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

Liver

Normal size, echogenic appearance, portal markings, and regular curvilinear capsule. No nodules or masses evident. Normal appearance of the hepatic and portal vasculature.

IMAGING PERFORMED BY

Lisa Bancroft

Gallbladder

The gallbladder is small (0.30 cm) containing normal anechoic bile. Thickened and hyperechogenic appearance of the wall. Normal size and appearance of the cystic and common bile ducts.

HOSPITAL NAME

Mobile Vet Imaging

Gastrointestinal

Normal appearance of the stomach, ileo-cecal junction, and colon (0.18 cm) with no loss of layering, normal wall thickness and no distention of the lumen. Segmental thickening of the duodenum (0.52 cm) and small intestine, with no loss of layering, and maintaining a 1:3 muscularis to mucosa ratio. Normal peristaltic activity, and no distension of the lumen. Diffuse mucosal stippling throughout the jejunum (0.42 cm, 0.53 cm, 0.61 cm) and small intestine.

REFERRING VET

Shurtliff

Pancreas

Normal size and echogenic appearance (left: 1.40 cm). Regular capsule. Normal echogenic appearance of the mesentery and fat surrounding the pancreas.

INVOICE

13324

Free Abdomen

Normal mesenteric lymph nodes (0.90 x 1.00 cm). Large amount of acellular ascites present. Hyperechoic appearance of the mesentery.

DATE

6.14.23



PATIENT *Thorax*

Normal appearance of the heart. No pericardial or pleural effusion evident.

Lil Jack Cosentino

ULTRASONOGRAPHIC FINDINGS

SPECIES **Primary Findings**

- Canine
 - Enteropathy
 - Ascites

BREED

Yorkshire Terrier

Primary Findings

- Previous cholecystitis

SEX

Neutered Male

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

AGE

9 years

With the breed of dog and appearance of the small intestines, the most likely diagnosis for the enteropathy would be primary lymphangiectasia, with differential diagnoses being inflammatory bowel disease, dietary hypersensitivity, parasitic enteritis and possible emerging lymphoma (although an unlikely differential diagnosis). The ascites can be ascribed to the hyperalbuminemia and secondary to the enteropathy.

WEIGHT

14 lbs

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

Specific therapy would be dependent on an etiological diagnosis.

Management of primary lymphangiectasia would be eating small, frequent meals of an ultra-low-fat diet and prednisolone. Pending response, additionally immunosuppressive therapy that may be added would be Cytosporin and chlorambucil.

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Management of the ascites would only be indicated if the airway is respiratory-compromised and/or to treat discomfort for the patient. This could include abdominocentesis and the use of diuretics, the latter preferable as will minimize protein being lost.

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PATIENT

Lil Jack Cosentino

SPECIES

Canine

BREED

Yorkshire Terrier

SEX

Neutered Male

AGE

9 years

WEIGHT

14 lbs



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.

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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.

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