

**PATIENT PRESENTING CLINICAL SIGNS**

Jiggie Henriquez History: Anorexia, weight loss

**SPECIES** Physical Examination: Icterus.

Canine Urinalysis: N/A.

**BREED** CBC: Neutrophilia, monocytosis, thrombocytopenia.

French bulldog Serum Biochemistry: Elevated liver enzyme activity, bilirubin, and PSL; azotemia; and low glucose, sodium, chloride, and potassium. PCR negative for leptospirosis.

Radiographic Findings: N/A.

**SEX**

Male

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

**AGE** *Urinary System*

2 years Full urinary bladder with a normal thickness and echogenic appearance of the wall. Moderate amount of floating hyperechogenic sediment present. No uroliths evident.

**WEIGHT** Normal trigone area, proximal urethra (0.7 cm), and iliac blood vessels.

23 # Prominent iliac lymph nodes (0.5 x 1.4 cm). Ureters not visualized.

**INTERPRETED BY** Normal renal size (left 5.5 cm, right 5.7 cm), echogenic appearance, cortico-medullary differentiation, blood flow, and capsule. Bilateral pyelectasia (left 0.5 cm).

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ECVIM

*Reproductive System*

Normal size and appearance of the prostate (2 x 1.9 cm) and testicles (both 2.8 cm).

**IMAGING PERFORMED BY**

Denise Bruno LVT, RDMS

*Adrenal Glands*

Normal shape, echogenic appearance, position, and size. Left 2.04 x 0.41/0.38 cm, right 2.18 x 0.46/0.41 cm).

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*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.

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Dr Mansour

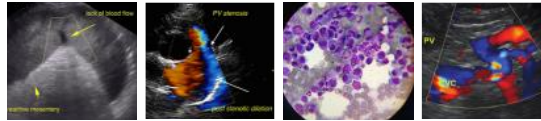
*Liver*

**INVOICE** Normal size, echogenic appearance, portal markings, and regular curvilinear capsule. No nodules or masses evident. Full gall bladder containing large amount of hyperechogenic sediment. Thickened (0.2 cm) and hyperechogenic appearance of the gall bladder wall. Normal bile duct.

303814

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1/26/23



**PATIENT** *Gastrointestinal*

Jiggie Henriquez Normal appearance of the stomach, duodenum, small intestine, ileo-cecal junction, and colon with no loss of layering, normal wall thickness (small intestine 0.35 cm) and peristalsis, and no distension of the lumen. Ingesta and chyle filled stomach and proximal small intestine, respectively.

**SPECIES**

Canine

*Pancreas*

**BREED**

French bulldog

Normal size (0.5 cm) and echogenic appearance. Regular capsule. Dilated pancreatic duct (0.2 cm). Normal echogenic appearance of the mesentery and fat surrounding the pancreas.

**SEX**

Male

*Free Abdomen*

**AGE**

2 years

Prominent gastric (0.6 x 06 cm) and mesenteric (0.9 x 1.1 cm) lymph nodes with a rounded and hypoechogenic appearance.

No ascites.

**WEIGHT**

23 #

**ULTRASONOGRAPHIC FINDINGS**

Primary findings:

- Cholecystitis.
- Abdominal lymphadenomegaly.
- Pyelectasia.

**INTERPRETED BY**

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Secondary findings:

- Urinary bladder sediment.

**IMAGING PERFORMED BY**

Denise Bruno LVT, RDMS

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

**HOSPITAL NAME**

Kenilworth Animal  
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Etiologies for the lymph nodes would be reactive and lymphadenitis, with infiltrative neoplasia a less likely differential diagnosis.

Etiologies for the pyelectasia would be recent fluid therapy and pyelonephritis.

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Dr Mansour

Although the liver appears ultrasonographically normal, with the biochemical changes, acute hepatitis (viral, bacterial, toxins) would be an important consideration.

Although the dilated pancreatic duct may be an incidental finding, with the elevated PSL pancreatitis needs to be considered.

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Further assessment would be urinalysis, urine culture, and FNA cytology of the liver.

Specific therapy would be dependent on an etiological diagnosis. Symptomatic management would be fluid therapy, correction of the electrolyte anomalies, glucose supplementation, ursodiol, and nutritional support.

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**PATIENT IMAGES**

Jiggie Henriquez **Gall bladder**

**SPECIES**

Canine

**BREED**

French bulldog

**SEX**

Male

**AGE**

2 years

**WEIGHT**

23 #

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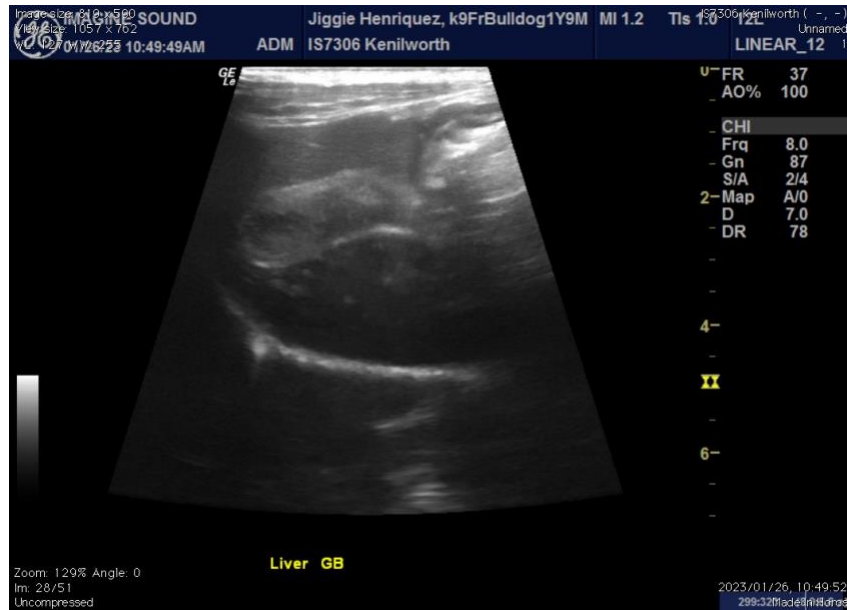
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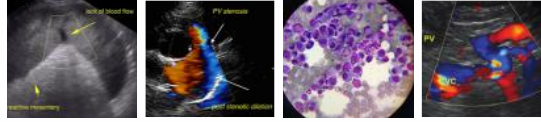
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**Left kidney**





**PATIENT Lymph nodes**

Jiggie Henriquez

**SPECIES**

Canine

**BREED**

French bulldog

**SEX**

Male

**AGE**

2 years

**WEIGHT**

23 #

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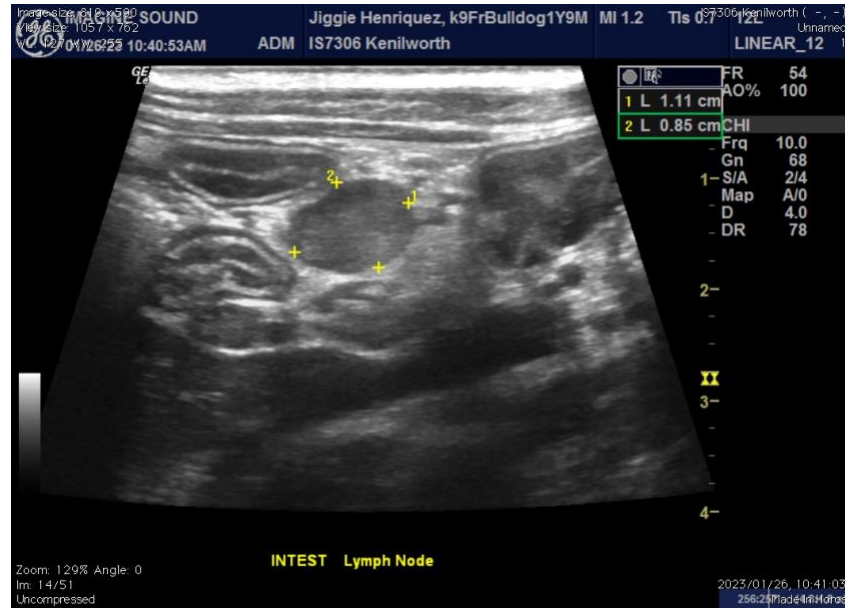
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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