



## PATIENT

Evolet Ramirez

## SPECIES

Canine

## BREED

French Bulldog

## SEX

Female

## AGE

2 years

## WEIGHT

21 lbs

## INTERPRETED BY

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

## IMAGING PERFORMED BY

Shari Reffi, CVT

## HOSPITAL NAME

William Penn VH

## REFERRING VET

Dr. Bouzaout

## INVOICE

71048

## DATE

1/29/26

## PRESENTING CLINICAL SIGNS

- Hepatosplenomegaly (rad attached)
- V/D
- O reports post mammary surgery complications (sx done elsewhere)
- MPV 13.5; CLOR 106; TOTAL PROTEIN 9.5; GLOBULIN 6.8; ALP 226

## ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

### *Urinary System*

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

Normal appearance of the trigone area, proximal urethra, and iliac blood vessels.

Enlarged iliac lymph nodes measuring up to 0.7 x 1.5 cm in size with a hypoechoic appearance, but maintained a normal shape. Ureters not visualized, which can be considered a normal finding.

Normal renal size (left measured 5.3 cm, right measured 5.5 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. Normal color flow pattern is evident in both kidneys.

### *Adrenal Glands*

Normal shape, echogenic appearance, size, position, and appearance of the visible peri-adrenal vasculature. Left adrenal gland measured 0.54 cm and 0.46 cm in width. The right adrenal gland measured 0.61 cm and 0.81 cm in width.

### *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. The spleen measured 2.1 cm in width.

### *Liver*

The liver is enlarged with rounded edges, diffuse increased echogenic and coarse appearance, normal portal markings, and regular curvilinear capsule. No nodules or masses evident. Normal appearance of the hepatic and portal vasculature.



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## *Gallbladder*

The gallbladder is full containing normal anechoic bile. Normal thickness and echogenic appearance of the wall. Normal size and appearance of the cystic and common bile duct.

## *Gastrointestinal*

Normal appearance of the stomach, duodenum, small intestine, ileo-cecal junction, and colon with no loss of layering, 1:3 muscularis to mucosa ratio, normal wall thickness and peristaltic activity, and no distension of the lumen.

## *Pancreas*

The visible sections of the pancreas are of normal size and echogenic appearance with a regular capsule. Normal echogenic appearance of the mesentery and fat surrounding the pancreas.

## *Free Abdomen*

Enlarged mesenteric lymph nodes measuring up to 1.2 x 2.3 cm in size with a hypoechogenic appearance and a rounded shape.

Hyperechogenic appearance of the mesentery surrounding the lymph nodes.

No ascites evident.

## ULTRASONOGRAPHIC FINDINGS

- Intraabdominal lymphadenomegaly
- Hepatopathy

## INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Etiologies for the lymphadenomegaly would be reactive hyperplasia, lymphadenitis and infiltrative neoplasia such as lymphoma.

Etiologies for the hepatopathy would be reactive hyperplasia, vacuolar, metabolic with hepatitis and infiltrative neoplasia a possible differential diagnosis.

Further assessment would be FNA cytology of the liver and lymph nodes.

Specific therapy would be dependent on an etiological diagnosis.



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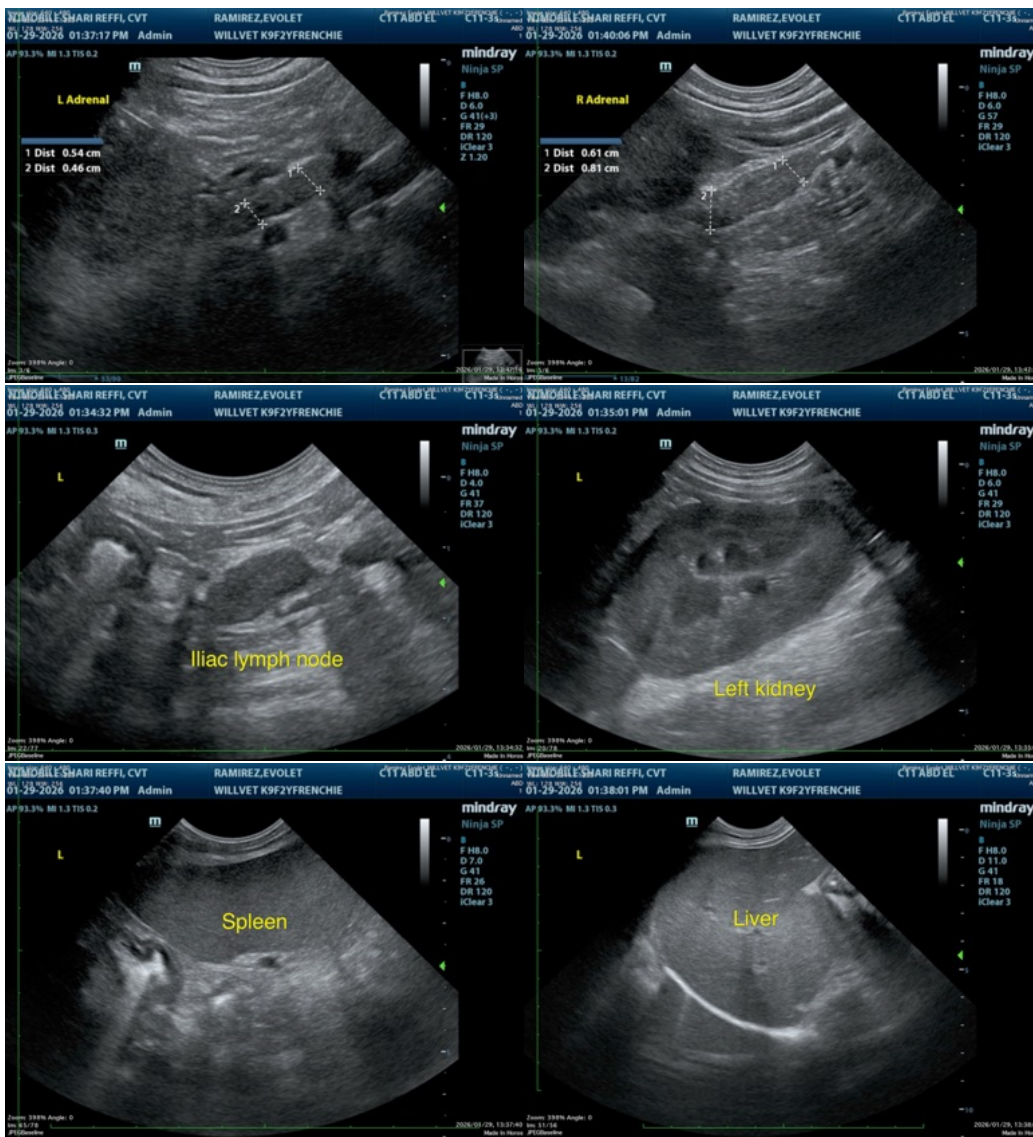
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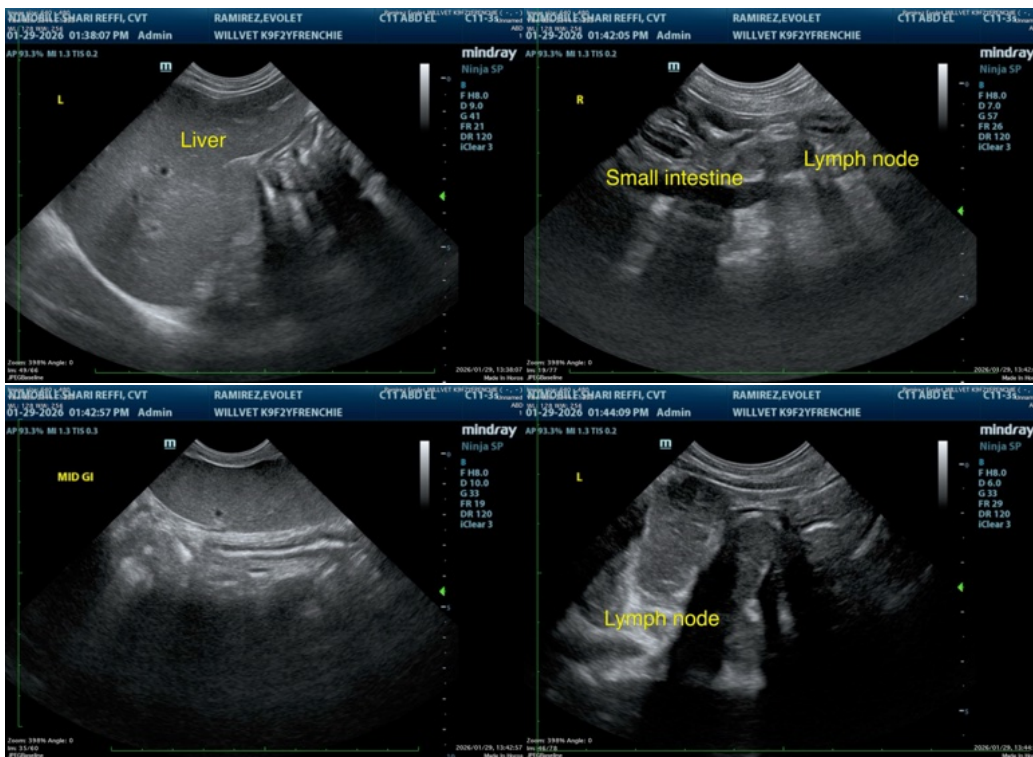
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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)

[info@sonopath.com](mailto:info@sonopath.com)