



## PATIENT

Freddy Avtalion

## SPECIES

Canine

## BREED

Labrador

## SEX

Spayed female

## AGE

14 years

## WEIGHT

60.4 lbs

## INTERPRETED BY

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

## IMAGING PERFORMED BY

Dr. Kim

## HOSPITAL NAME

Ridgefield Park AH

## REFERRING VET

Dr. Kim

## INVOICE

72013

## DATE

2/26/26

## PRESENTING CLINICAL SIGNS

- For 4 weeks, has been vomiting bile, experiencing progressive depression, and weight loss
- Taken 2/24 Hematology: RBC 5.27M/uL Low Hematocrit 36.6% Low Hemoglobin 13.6 g/dL Low Chemistry: Potassium 3.9 mmol/L Low ALP 208 U/L High

## ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

### *Urinary System*

The urinary bladder is small 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 3.2 x 3.8 cm in size with a hypoechogenic appearance and a rounded shape. Ureters not visualized, which can be considered a normal finding.

Normal renal size (left measured 6.5 cm, right measured 4.7 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.

### *Adrenal Glands*

Normal shape, echogenic appearance, size, position, and appearance of the visible peri-adrenal vasculature. Left adrenal gland measured 2.72 cm in length x 0.8 cm in width. The right adrenal gland measured 1.81 cm in length x 0.83 cm in width.

### *Spleen*

The spleen was enlarged and measured 3.7 cm in width with a diffuse, mottled echogenic appearance and a regular curvilinear capsule. Normal volume of the splenic vasculature without any overt congestion or thrombosis evident.

### *Liver*

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

### *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.



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**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. The stomach measured 0.34 cm.

**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 2.5 x 4.4 cm in size with a hypoechogenic appearance and a rounded shape.

No ascites evident.

**ULTRASONOGRAPHIC FINDINGS**

- Splenomegaly.
- Abdominal lymphadenomegaly.

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

With the appearance of the abdominal lymph nodes in the spleen, the most likely diagnosis would be neoplasia such as lymphoma.

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

Specific therapy would be dependent on an etiological diagnosis.





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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)

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