



**PATIENT PRESENTING CLINICAL SIGNS**

Myles Vlachos History: Anorexia and lethargy.

**SPECIES** Physical Examination: N/A.

Canine Urinalysis: N/A.

CBC: N/A.

**BREED** Serum Biochemistry: Elevated calcium, SDMA, globulins, and ALT activity.

Boxer Radiographic Findings: Normal thorax, possible cranioventral abdominal mass.

**SEX ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

MN

**Urinary System**

**AGE**

10 years

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

**WEIGHT** Normal trigone area, proximal urethra, and iliac blood vessels.

51 # 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.

**INTERPRETED BY** **Reproductive System**

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

Small hypoechoic prostate.

**IMAGING PERFORMED BY** **Adrenal Glands**

Dr Adrienne Waffle Poorly visualized but appear to be of normal shape, echogenic appearance, position, and size.

**HOSPITAL NAME** **Spleen**

Torch Lake Veterinary Clinic Normal size and echogenic appearance. Smooth homogenous parenchyma, regular capsule, and normal vasculature. Large mottled echogenic mass on the head of the spleen.

**REFERRING VET** **Liver**

Dr Adrienne Waffle Normal size, echogenic appearance, and portal markings. No nodules evident. Focal hypoechoic parenchymal mass in the left liver lobe. Small gall bladder containing normal anechoic bile. Normal thickness and echogenic appearance of the gall bladder wall. Normal bile duct.

**INVOICE** **Gastrointestinal**

302978 Normal appearance of the stomach, duodenum, small intestine, ileo-cecal junction, and colon with no loss of layering, normal wall thickness and peristaltic activity, and no distension of the lumen.

**DATE**

5/20/22



**PATIENT** *Pancreas*

Myles Vlachos Normal size and echogenic appearance. Regular capsule. Normal echogenic appearance of the mesentery and fat surrounding the pancreas.

**SPECIES** *Free Abdomen*

Canine No mesenteric lymphadenomegaly.  
Focal hypoechogenic mass/lymph node in the mid-abdomen.  
No ascites.

**BREED**

Boxer

**ULTRASONOGRAPHIC FINDINGS**

**SEX** Primary Findings:

- Splenic mass.
- Hepatic nodule.
- Abdominal mass/lymphadenomegaly.

**AGE**

10 years

Secondary Findings:

- Age-related renal changes.

**WEIGHT**

51 #

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

**INTERPRETED BY**

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

With the splenic mass, hepatic nodule and abdominal mass/lymph node as well as the hypercalcemia and elevated SDMA; the most likely diagnosis would be lymphoma, with granulomatous disease and metastatic carcinoma, differential diagnoses.

Further assessment would be FNA cytology of the splenic mass, hepatic nodule, and abdominal mass/lymph node.

**IMAGING PERFORMED BY**

Dr Adrienne Waffle

Specific therapy would be dependent on an etiological diagnosis.

**HOSPITAL NAME**

Torch Lake Veterinary  
Clinic

**REFERRING VET**

Dr Adrienne Waffle

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**PATIENT**

Myles Vlachos

**SPECIES**

Canine

**BREED**

Boxer

**SEX**

MN

**AGE**

10 years

**WEIGHT**

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**IMAGING PERFORMED BY**

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**HOSPITAL NAME**

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**REFERRING VET**

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**INVOICE**

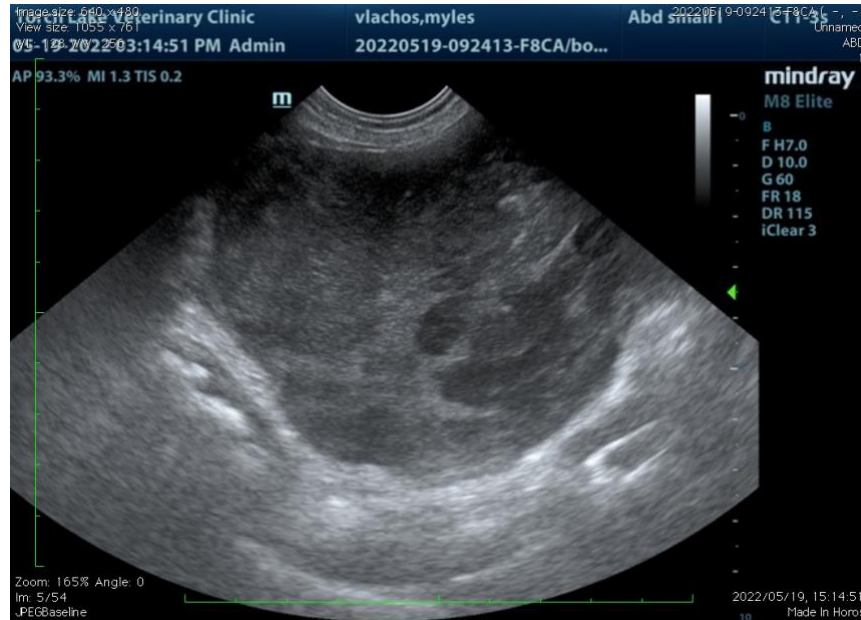
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**DATE**

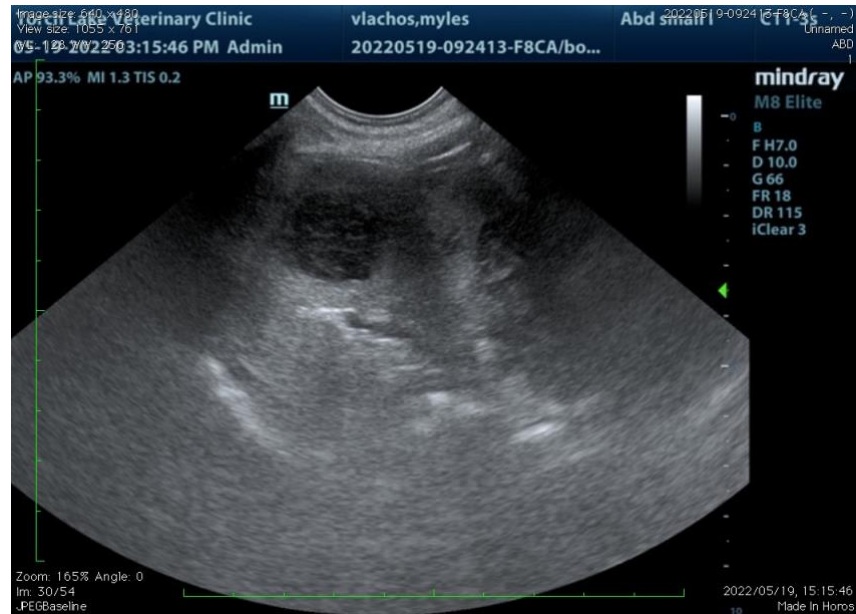
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**IMAGES**

**Spleen**



**Liver**





**PATIENT**

Lymph node/mass?

Myles Vlachos

**SPECIES**

Canine

**BREED**

Boxer

**SEX**

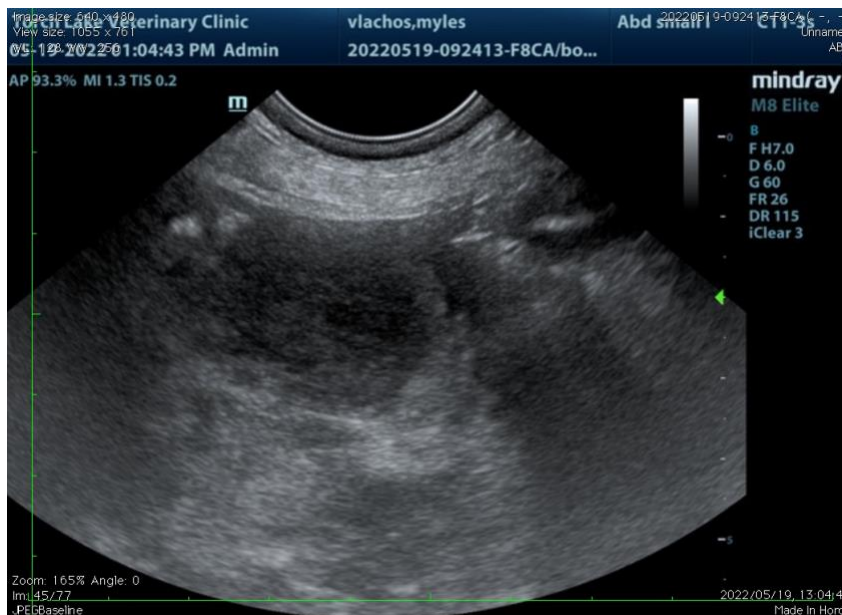
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**AGE**

10 years

**WEIGHT**

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**INTERPRETED BY**

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MMedVet (Med), PhD,  
Dipl. ECVIM

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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Dr Adrienne Waffle

**HOSPITAL NAME**

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