


**PATIENT PRESENTING CLINICAL SIGNS**

Max Woehr

History: Chronic diarrhea, occasional vomiting.

**SPECIES**

Canine

Physical Examination: Peripheral lymphadenopathy.

Urinalysis: N/A

CBC: N/A.

**BREED**

Border Collie Mix

Serum Biochemistry: Elevated liver enzyme activity and cholesterol.

Radiographic Findings: N/A.

**SEX**

MN

**Age**

11 years

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**
**Urinary System**

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

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

**WEIGHT**

42 #

Iliac lymphadenomegaly (1.2 x 2.6 cm, 1.2 x 3.7 cm) with rounded shape and hypoechogenic appearance. Ureters not visualized.

**INTERPRETED BY**

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

Normal renal size (left 5.8 cm, right 5.9 cm), echogenic appearance, cortico-medullary differentiation, pelvis, and capsule.

**Reproductive System**

Small hypoechogenic prostate (1.5 cm).

**IMAGING PERFORMED BY**

Sonya Myers, DVM

**Adrenal Glands**

Normal position, echogenic appearance, shape, and size. Left 0.59/0.58 cm, right 0.52/0.54 cm.

**HOSPITAL NAME**

Banfield Colonial Town Park

**Spleen**

Enlarged with a mottled echogenic, nodular, and moth-eaten appearance. Nodules are hypoechogenic, parenchymal and diffuse.

**REFERRING VET**

Dr Nigaglioni

**Liver**

Enlarged with rounded edges, diffuse mottled echogenic appearance, some loss of portal markings, and regular curvilinear capsule. Focal hypoechogenic parenchymal nodule (1 cm) in the left lobe. No masses evident. Full gall bladder containing normal anechoic bile. Normal thickness and appearance of the gall bladder wall. Normal bile duct (0.2 cm).

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**Gastrointestinal**

Normal appearance of the stomach, duodenum, small intestine, ileo-cecal junction, and colon with no loss of layering, normal wall thickness (stomach 0.56 cm, duodenum 0.46 cm, jejunum 0.42 cm, colon 0.24 cm) and peristaltic activity, and no distension of the lumen.



**PATIENT** *Pancreas*

Max Woehr Normal size (right 1.1 cm) and echogenic appearance. Regular capsule. Normal echogenic appearance of the mesentery and fat surrounding the pancreas.

**SPECIES** *Free Abdomen*

Canine Intra-abdominal lymphadenomegaly (up to 2.1 x 4.9 cm) with rounded shape and hypoechogenic appearance.

**BREED** No ascites.

Border Collie Mix

**ULTRASONOGRAPHIC FINDINGS**

**SEX**

Primary Findings:

MN

- Splenomegaly.
- Hepatopathy.
- Lymphadenomegaly.

**Age**

11 years

Secondary Findings:

**WEIGHT**

- Age-related renal changes.

42 #

**INTERPRETED BY**

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

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

The intra-abdominal and peripheral lymphadenomegaly, appearance of the spleen, and hepatopathy would be consistent with stage IV lymphoma.

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

**IMAGING PERFORMED BY**

Specific therapy would be chemotherapy. Palliative therapy would be prednisolone.

Sonya Myers, DVM

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**PATIENT IMAGES**

Max Woehr **Spleen**

**SPECIES**

Canine

**BREED**

Border Collie Mix

**SEX**

MN

**Age**

11 years

**WEIGHT**

42 #

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**Liver**





**PATIENT**

**Lymph nodes**

Max Woehr

**SPECIES**

Canine

**BREED**

Border Collie Mix

**SEX**

MN

**Age**

11 years

**WEIGHT**

42 #



**INTERPRETED BY**

Remo Lobetti, BVSc,  
 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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**IMAGING PERFORMED BY**

Sonya Myers, DVM

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