

PATIENT

Tilly Singer

SPECIES

Canine

BREED

Maltese

SEX

FS

AGE

7 years

WEIGHT

9.5 #

INTERPRETED BY

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

**IMAGING
PERFORMED BY**

Lara Wiseman, DVM

HOSPITAL NAME

Boca Midtowne
Animal Hospital

REFERRING VET

INVOICE

302621

DATE

11/3/21

PRESENTING CLINICAL SIGNS

History: Vomiting, anorexia past 36 hours.

Physical Examination: Hematochezia, tense abdomen.

Urinalysis: N/A.

CBC: N/A.

Serum Biochemistry: Elevated amylase, lipase, and total T4.

Radiographic Findings: N/A.

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 (0.21 cm) and iliac blood vessels.

Normal iliac lymph nodes. Ureters not visualized.

Normal renal size (left 3.7 cm, right 3.5 cm) with increased echogenic appearance, some loss of cortico-medullary differentiation, and normal capsule and pelvis.

Reproductive System

N/A.

Adrenal Glands

Normal shape, echogenic appearance, size, and position. Left 0.45 cm, right 0.53 cm.

Spleen

Normal size and echogenic appearance. Smooth homogenous parenchyma, smooth curvilinear capsule, and normal vasculature. Focal mottled echogenic cavitary parenchymal mass (1.8 x 1.4 cm) in the body of the spleen with resultant bulging of the overlying capsule.

Liver

Normal size, echogenic appearance, and portal markings. No nodules or masses evident. Small gall bladder containing normal anechoic bile. Normal appearance and thickness of the gall bladder wall. Normal bile duct (0.19 cm).



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Gastrointestinal

Normal appearance of the gastro-esophageal junction, stomach, duodenum, small intestine, ileo-cecal junction, and colon with no loss of layering and normal wall thickness (stomach 0.34 cm, duodenum 0.27 cm, jejunum 0.25 cm) and peristalsis, and no distension of the lumen.

Pancreas

Normal size (right 0.8 cm) and echogenic appearance. Regular capsule. Normal echogenic appearance of the mesentery and fat surrounding the pancreas.

Free Abdomen

Normal mesenteric lymph nodes (0.9 cm).
 No ascites.

Thorax

Normal appearance of the heart.
 No pericardial or pleural effusion.

Free Abdomen

Enlarged (1.3 cm) and irregular appearance of the right thyroid gland.

ULTRASONOGRAPHIC FINDINGS

Primary findings:

- Splenic mass.
- Right thyroid mass?

Secondary findings:

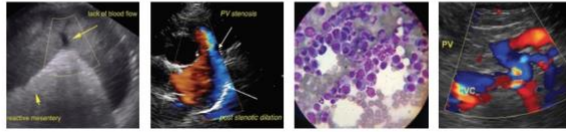
- Age-related renal changes.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Etiologies for the splenic mass would be neoplasia, hematoma, organized abscess granuloma.

The presenting clinical signs may be from non-specific gastroenteritis (viral bacterial, helminths, protozoa, toxins, dietary indiscretion) or pancreatitis.

Canine hyperthyroidism is extremely rare and associated with functional thyroid tumors and ingestion of goitrogenic substances, thyroid tissue, or hypothyroid medication.



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Further assessment would be fecal analysis, cPL/PSL assay, 3-view thoracic radiographs, and FNA cytology of the splenic mass and right thyroid gland.

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Specific therapy would be dependent on an etiological diagnosis

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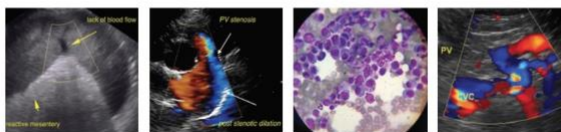
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Right thyroid



Left thyroid



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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)
rlobetti@mweb.co.za