



PATIENT PRESENTING CLINICAL SIGNS

Winnie Ambarsom History: Elevated liver enzyme activity.

SPECIES Physical Examination: N/A.

Canine Urinalysis: N/A.

BREED CBC: Thrombocytosis.

Poodle Serum Biochemistry: Elevated ALT and ALP activity, triglycerides, and PSL

Radiographic Findings: N/A.

SEX

FS

AGE

11 years

WEIGHT

9.2 #

INTERPRETED BY

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

IMAGING PERFORMED BY

Denise Bruno LVT, RDMS

HOSPITAL NAME

Forest Hills Animal Clinic

REFERRING VET

Dr Cortes

INVOICE

303626

DATE

12/6/22

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

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

Normal trigone area, proximal urethra (0.3 cm), and iliac blood vessels.

Normal iliac lymph nodes. Ureters not visualized.

Normal renal size (left 3.7 cm, right 4.4 cm), with increased echogenic appearance, some loss of cortico-medullary differentiation, and normal pelvis and capsule. Bilateral hypoechoic cortical rim.

Reproductive System

N/A.

Adrenal Glands

Normal shape, echogenic appearance, position, and size. Left 1.69 x 0.6/05 cm, right 1.43 x 0.38/0.68 cm. Focal hypoechoic nodule (0.6 cm) in the cranial pole of the right gland.

Spleen

Normal size and echogenic appearance. Smooth homogenous parenchyma, regular curvilinear capsule, and normal vasculature. No evidence of inflammatory, neoplastic, infarction, or infiltrative changes noted.

Liver

Normal size with increased echogenic appearance, prominent portal markings, and regular curvilinear capsule. No nodules or masses evident. Full gall bladder containing normal anechoic bile. Normal thickness and appearance of the gall bladder wall. Normal bile duct.

Gastrointestinal

Normal appearance of the stomach, duodenum, small intestine, ileo-cecal junction, and colon with no loss of layering, normal wall thickness (small intestine 0.49 cm) and peristalsis, and no distension of the lumen.



PATIENT

Pancreas

Winnie Ambarsom

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

SPECIES

Canine

Free Abdomen

No mesenteric lymphadenomegaly.

BREED

Poodle

No ascites.

ULTRASONOGRAPHIC FINDINGS

SEX

Primary findings:

FS

- Right adrenal nodule.
- Hepatopathy.
- Urinary bladder pathology.

AGE

11 years

Secondary findings:

WEIGHT

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- Age-related renal changes.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

INTERPRETED BY

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Although the right adrenal nodule may be an incidental finding a functional adenoma/early carcinoma needs to be considered, especially with the thrombocytosis and elevated liver enzyme activity.

IMAGING PERFORMED BY

Denise Bruno LVT, RDMS

Etiologies for the hepatopathy would be reactive, metabolic, vacuolar, early nodular hyperplasia, and chronic cystitis, with infiltrative neoplasia an unlikely differential diagnosis.

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Etiologies for the urinary bladder would be chronic cystitis, emerging polypoid cystitis, and emerging neoplasia.

Further assessment would be urinalysis, urine culture, BRAF assay, FNA cytology of liver, and adrenal function testing (ACTH stimulation/LDDS test).

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Specific therapy would be dependent on an etiological diagnosis.

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PATIENT IMAGES

Winnie Ambarsom **Liver**

SPECIES

Canine

BREED

Poodle

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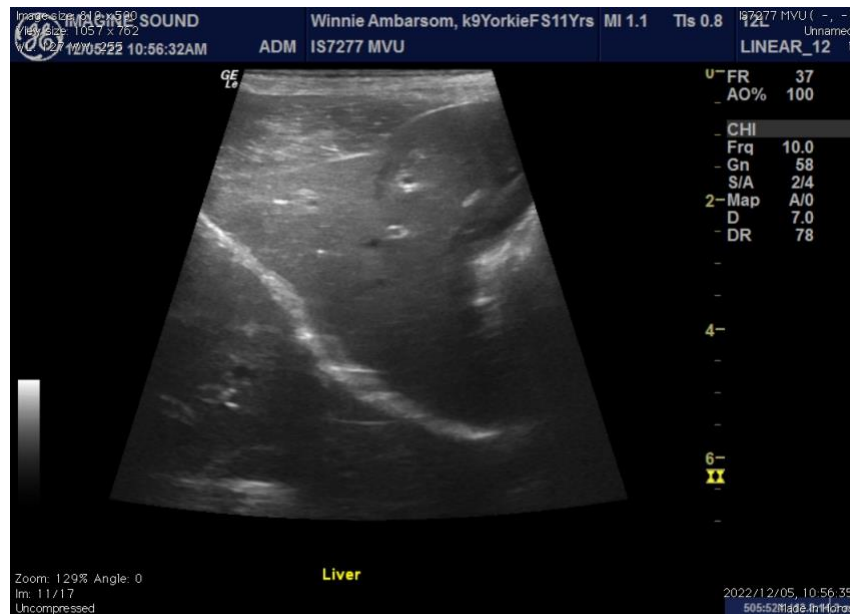
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Right adrenal



