



PATIENT PRESENTING CLINICAL SIGNS

Cooper Schwartz History: Started vomiting 2 weeks ago but still eating, anorexia past few days. Treated symptomatically.

SPECIES Physical Examination: N/A.

Canine Urinalysis: N/A.

BREED CBC: N/A.

Havanese Serum Biochemistry: Elevated bilirubin, GGT activity, cholesterol and globulins. ALT and ALP activity unable to read. Snap cPL negative.

SEX Radiographic Findings: Ill-defined/questionable area in the stomach.

MN

AGE

8 years

WEIGHT

21.3 #

INTERPRETED BY

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

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, and iliac blood vessels.

Normal iliac lymph nodes. Ureters not visualized.

Normal renal size (left 5.7 cm, right 5.4 cm), echogenic appearance, cortico-medullary differentiation, blood flow, pelvis, and capsule.

Reproductive System

Small hypoechogenic prostate.

Adrenal Glands

Normal shape, echogenic appearance, position, and size. Left 1.82 x 0.47 cm, right 1.78 x 0.43 cm.

Spleen

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

Liver

Enlarged with rounded edges, hyperechogenic and fine nodular appearance, loss of portal markings, and regular curvilinear capsule. Nodules are faint, hypoechogenic, and parenchymal. No masses evident.

INVOICE

304068

DATE

4/3/23

Gall bladder

Full containing small amount of hyperechogenic sediment. Normal thickness and echogenic appearance of the wall. Normal bile duct.

IMAGING PERFORMED BY

Jessica Green

HOSPITAL NAME

Stanglein Veterinary
Clinic

REFERRING VET

Dr Terry Stanglein



PATIENT *Gastrointestinal*

Cooper Schwartz 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.

SPECIES *Pancreas*

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

BREED *Free Abdomen*

Havanese No mesenteric lymphadenomegaly.
No ascites.

SEX

MN

ULTRASONOGRAPHIC FINDINGS

AGE Primary Findings:

- Nodular hepatopathy.

Secondary Findings:

- Gall bladder sediment.

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Etiologies for the hepatopathy would be reactive, hyperplasia, acute hepatitis (viral, toxins), leptospirosis, and infiltrative neoplasia.

Further assessment would be *Leptospira* serology/titers and FNA cytology of the liver.

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Specific therapy needs to be based on an etiological diagnosis. Symptomatic management would be to continue with current therapy and to add ursodiol.

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PATIENT IMAGES

Cooper Schwartz

Liver

SPECIES

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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.

IMAGING PERFORMED BY

Jessica Green

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.

HOSPITAL NAME

Stanglein Veterinary
Clinic

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