



PATIENT

Bailey McGuinness

SPECIES

Canine

BREED

Shih Tzu

SEX

FS

AGE

13 years

WEIGHT

20 #

INTERPRETED BY

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

IMAGING PERFORMED BY

Sonya Myers, DVM

HOSPITAL NAME

Planet Pet Animal
Hospital

REFERRING VET

Dr Witte

INVOICE

302670

DATE

12/10/21

PRESENTING CLINICAL SIGNS

History: Chronic hemorrhagic diarrhea.

Physical Examination: N/A.

Urinalysis: N/A.

CBC: N/A.

Serum Biochemistry: N/A.

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, and iliac blood vessels.

Normal iliac lymph nodes. Ureters not visualized.

Normal renal size (left 4.3 cm, right 4.4 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 0.64/0.64 cm, right 0.54/0.51 cm.

Spleen

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

Liver

Enlarged with rounded edges, diffuse hyperechoic-to-nodular appearance, and loss of portal markings. Nodules are hypoechoic, parenchymal, diffuse and of varying sizes. Full gall bladder containing small amount of adherent hyperechoic sediment. Normal appearance and thickness of the gall bladder wall. Normal bile duct (0.22 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, normal wall thickness (duodenum 0.36 cm) and peristalsis, and no distension of the lumen.

Pancreas

Normal size (right 1.2 cm) with a diffuse hyperechogenic appearance and an irregular capsule. Normal echogenic appearance of the mesentery and fat surrounding the pancreas.

Free Abdomen

Normal mesenteric lymph nodes (1.4 cm).
No ascites.

ULTRASONOGRAPHIC FINDINGS

Primary findings:

- Pancreatitis.
- Hepatopathy.

Secondary findings:

- Age-related renal changes.
- Gall bladder sediment.

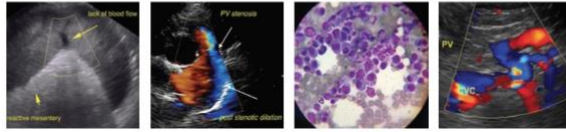
INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The appearance of the pancreas is most likely from chronic pancreatitis with fibrosis a differential diagnosis

Etiologies for the hepatopathy would be reactive, hyperplasia, nodular regeneration, chronic hepatitis, granulomatous disease, early cirrhosis, and infiltrative neoplasia.

Further assessment would be fecal analysis, cPL/PSL assay, liver enzyme activity and liver function (albumin, bilirubin, urea, bile acids) assay, and FNA cytology of the liver; however, a Tru-Cut/wedge biopsy of the liver may be required for a final etiological diagnosis. With the history colonoscopy with biopsies should be considered.

Specific therapy would be dependent on an etiological diagnosis.



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IMAGES

Liver



Pancreas



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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