

PATIENT

Jackson Capp

SPECIES

Canine

BREED

Maltipoo

SEX

MN

AGE

12 years

WEIGHT

6 #

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

302703

DATE

1/20/22

PRESENTING CLINICAL SIGNS

History: Heart murmur, Cushing's disease.

Physical Examination: N/A.

Urinalysis: N/A.

CBC: N/A.

Serum Biochemistry: N/A.

Radiographic Findings: Cardiomegaly.

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

Full urinary bladder with a normal appearance and thickness of the wall (0.3 cm). Normal anechoic urine with no sediment evident. Small urolith (0.2 cm).

Normal trigone area, proximal urethra, and iliac blood vessels.

Normal iliac lymph nodes. Ureters not visualized.

Normal renal size (left 3.7 cm, right 3.4 cm) with increased echogenic appearance, some loss of cortico-medullary differentiation, and normal pelvis and capsule.

Reproductive System

Small hypoechoic prostate (0.8 cm).

Adrenal Glands

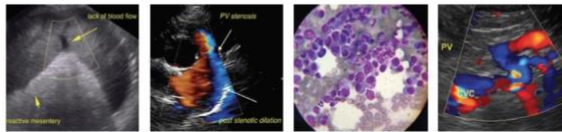
Normal shape, echogenic appearance, and position. Normal size of the right (0.57 cm) adrenal. Enlarged caudal pole (0.84 cm) of left adrenal.

Spleen

Normal size (0.8 cm) and echogenic appearance. Smooth homogenous parenchyma, smooth curvi-linear capsule, and normal vasculature. No evidence of inflammatory, neoplastic, infarction, or infiltrative changes noted.

Liver

Normal size, with an increased echogenic and coarse nodular appearance, and some loss of portal markings. Nodules are hypoechoic, parenchymal and up to 0.7 cm in size. Full gall bladder containing normal anechoic bile. Thickened and hyperechoic appearance of the gall bladder wall. Normal bile duct.



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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 (stomach 0.27 cm, duodenum 0.34 cm, jejunum 0.29 cm) and peristalsis, and no distension of the lumen.

Pancreas

Normal size (right 0.8 and 1.2 cm) with a diffuse hyperechogenic appearance. Regular capsule. Normal echogenic appearance of the mesentery and fat surrounding the pancreas.

Free Abdomen

Mesenteric lymphadenomegaly.
No ascites.

ULTRASONOGRAPHIC FINDINGS

Primary findings:

- Nodular hepatopathy.
- Left adrenomegaly.

Secondary findings:

- Pancreatic fibrosis.
- Gall bladder wall thickening.
- Urolith.
- Age-related renal changes.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Etiologies for the nodular hepatopathy would be vacuolar, reactive, metabolic, nodular degeneration, early cirrhosis, chronic hepatitis, and infiltrative neoplasia.

The appearance of the left adrenal is consistent with the history of Cushing's disease but needs to be correlated with the therapy for Cushing's.

Although the appearance of the pancreas is consistent with fibrosis, chronic pancreatitis should be considered.

The appearance of the gall bladder wall is consistent with a previous episode of cholecystitis.

Further assessment would be urinalysis, serum biochemistry, PSL/cPL assay, and FNA cytology of the liver.

Specific therapy would be dependent on an etiological diagnosis.



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IMAGES

Liver



Pancreas





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Left adrenal



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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.

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