



PATIENT PRESENTING CLINICAL SIGNS

Arthur Hart History: Decreased appetite and occasional vomiting and diarrhea. Cushing's disease – on Vetoryl and Ursodiol. Chronic cough.

SPECIES Physical Examination: N/A.

Canine Urinalysis: N/A.

BREED CBC: Mild neutrophilia.

Maltese Mix Serum Biochemistry: Elevated urea and ALP activity.

Radiographic Findings: N/A.

SEX

MN

AGE

15 year

WEIGHT

7 kg

INTERPRETED BY

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

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

Full urinary bladder with an irregular appearance 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 with increased echogenic appearance, some loss of cortico-medullary differentiation, and normal pelvis and capsule.

Reproductive System

N/A.

Adrenal Glands

Normal shape, echogenic appearance, size, and position.

Spleen

Normal size 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 a diffuse hyperechogenic appearance and some loss of portal markings. Focal mottled echogenic parenchymal mass in the right liver lobe. Full gall bladder containing large amount of both adherent and non-adherent hyperechogenic sediment. Normal appearance and thickness 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 and peristaltic activity, and no distension of the lumen. Ingesta within the stomach.

IMAGING PERFORMED BY

Dr James Hornbuckle

HOSPITAL NAME

Golden Isles Animal
Hospital

REFERRING VET

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INVOICE

302763

DATE

2/18/22



PATIENT *Pancreas*

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

SPECIES *Free Abdomen*

Canine No mesenteric lymphadenomegaly.
No ascites.

BREED

Maltese Mix

ULTRASONOGRAPHIC FINDINGS

Primary Findings:

SEX

- Cystitis.
- Hepatopathy.
- Hepatic mass.
- Gall bladder sediment.

MN

AGE

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Secondary Findings:

WEIGHT

- Age-related renal changes vs chronic kidney disease.

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The appearance of the urinary bladder would be consistent with cystitis (bacterial, sterile) with neoplasia a far less likely diagnosis.

The most likely etiology for the hepatopathy would be secondary to the Cushing's disease with hyperplasia, reactive, vacuolar, early cirrhosis, and chronic hepatitis differential diagnoses.

Etiologies for the hepatic mass would be hepatoma, granuloma, hematoma, abscessation, and neoplasia.

Although the gall bladder sediment may be an incidental finding, an emerging mucocele needs to be considered.

Further assessment would be urinalysis, urine culture, and FNA cytology of the liver and hepatic mass.

Specific therapy would be dependent on an etiological diagnosis. Symptomatic management of the liver and gall bladder would be to continue with the ursodiol.

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PATIENT IMAGES

Arthur Hart **Liver**

SPECIES

Canine

BREED

Maltese Mix

SEX

MN

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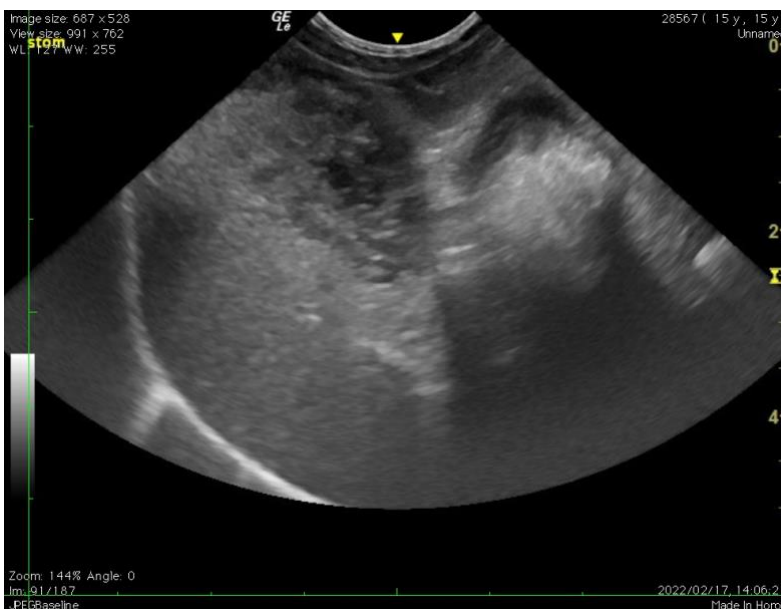
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PATIENT

Gall bladder

Arthur Hart

SPECIES

Canine

BREED

Maltese Mix

SEX

MN

AGE

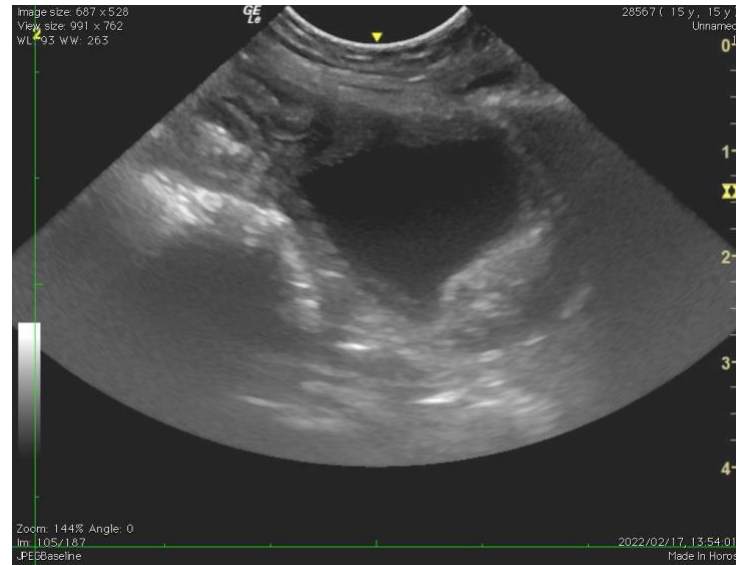
15 year

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Urinary bladder



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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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