



PATIENT

Pugg Watt

SPECIES

Canine

BREED

Jack Russell Terrier

SEX

Neutered Male

AGE

13 Years 10 Months

WEIGHT

9 kg

INTERPRETED BY

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

IMAGING PERFORMED BY

Dr. Patti Mayfleid
DVM

HOSPITAL NAME

Sunriver Veterinary
Hospital

REFERRING VET

Dr. Emily Kent DVM

INVOICE

14496

DATE

03/20/26

PRESENTING CLINICAL SIGNS

Patient presented with rechecked liver values yesterday. O now reports lethargy. O notes that in the past 1-2 months, the patient has been sleeping more and has recently begun hiding under the bed and not wanting to go on walks. He also has had reduced interest in eating his food in the morning. Patient has a hx of hypertension and proteinuria controlled with telmisartan as well as generalized OA

Allergies: none mentioned by owner.

Medications / Supplements (drug, dose, and frequency): Gabapentin 100mg capsules- 1 PO BID, Telmisartan 20mg tablets- 1 PO SID, Galliprant- SID, Adequan injection- monthly, and fish oil- daily.

Diet: Costco Kirkland brand- dry food + meat topper (roast beef, chicken, or turkey).

Abnormal PE/Chem/CBC/UA Results: Thoracic radiographs with rad review: 1. Mild bronchointerstitial pattern. 2. Hepatomegaly considered non-specific. Considering the suspected asymmetry with greater enlargement of the right side, focal lesions (benign or neoplastic) can not be excluded. CBC: MPV 14.5, LYM 1.04 remainder WNL (RBC 6.81, HCT 49.6, HGB 16.3, RETIC 29.3, WBC 7.49, NEU 5.84, MON 0.22, PLT 283,000) Chemistry: ALT 781 (826, 553, 159), ALP 1888, (1688,1775, 351), BUN 67 (78, 76, 46, 26), ALB 4.3 (4.4, 4.2, 3.7) remainder WNL

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

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

Normal appearance of the trigone area, proximal urethra, and iliac blood vessels.

Normal appearance and size of the iliac lymph nodes. Ureters not visualized, which can be considered a normal finding.

Small hypoechogenic prostate measuring 0.90 cm in size. A small hyperechoic parenchymal nodule was present measuring approximately 0.50 cm in size.

Normal renal size, architecture, echogenic appearance, cortico-medullary differentiation, which maintains a 1:3 cortex to medulla ratio, pelvis, and capsule. No infarcts or mineralization evident. A small renolith was evident in the right kidney and a focal cortical cyst was present in the cranial pole of the left kidney measuring approximately 0.80 cm in size. A small cortical cyst was present in the right kidney. The left kidney measured 3.8 cm in length. The right kidney measured 4.3 cm in length.

Adrenal Glands

Normal shape, echogenic appearance, size, position, and appearance of the visible peri-adrenal vasculature. The left adrenal gland measured 1.83 cm length x 0.62 cm and 0.58 cm in width. The right adrenal gland measured 1.87 cm length x 0.69 cm in width.

Spleen



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Normal size and echogenic appearance. Smooth homogenous parenchyma and regular curvilinear capsule. Normal volume of the splenic vasculature without any overt congestion or thrombosis evident. No inflammatory, neoplastic, infarction, or infiltrative changes evident. The spleen measured 1.7 cm in width.

Liver

Normal size, echogenic appearance, portal markings, and regular curvilinear capsule. No nodules evident. Normal appearance of the hepatic and portal vasculature. Two isoechoic to hypoechoic masses with one measuring 6.2 cm x 6.5 cm in size and the other one measuring 3.5 cm x 5.4 cm in size. Mineralized region evident in the smaller mass.

Gallbladder

Full gallbladder containing normal anechoic bile. Normal thickness and echogenic appearance of the wall. Normal size and appearance of the cystic and common bile duct.

Gastrointestinal

Normal appearance of the stomach, duodenum, small intestine, ileo-cecal junction, and colon with no loss of layering, 1:3 muscularis to mucosa ratio, normal wall thickness and peristaltic activity, and no distension of the lumen.

Pancreas

Visible sections of the pancreas are of normal size and echogenic appearance with a regular capsule. Normal echogenic appearance of the mesentery and fat surrounding the pancreas.

Free Abdomen

Normal mesenteric lymph nodes.

No ascites evident.

ULTRASONOGRAPHIC FINDINGS

- Hepatic masses.
- Prostatic nodule.
- Renoliths and renal cysts.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Etiologies for the hepatic masses would be hepatoma and primary hepatocellular carcinoma. The prostatic nodule, renalolith and renal cysts can be considered incidental findings.

Further assessment would be FNA cytology of the liver masses, however a tru-cut or wedge biopsy may be required for a final etiological diagnosis.

Specific therapy would be dependent on an etiological diagnosis. If surgery has been contemplated for the hepatic masses, then a CT scan would be recommended.



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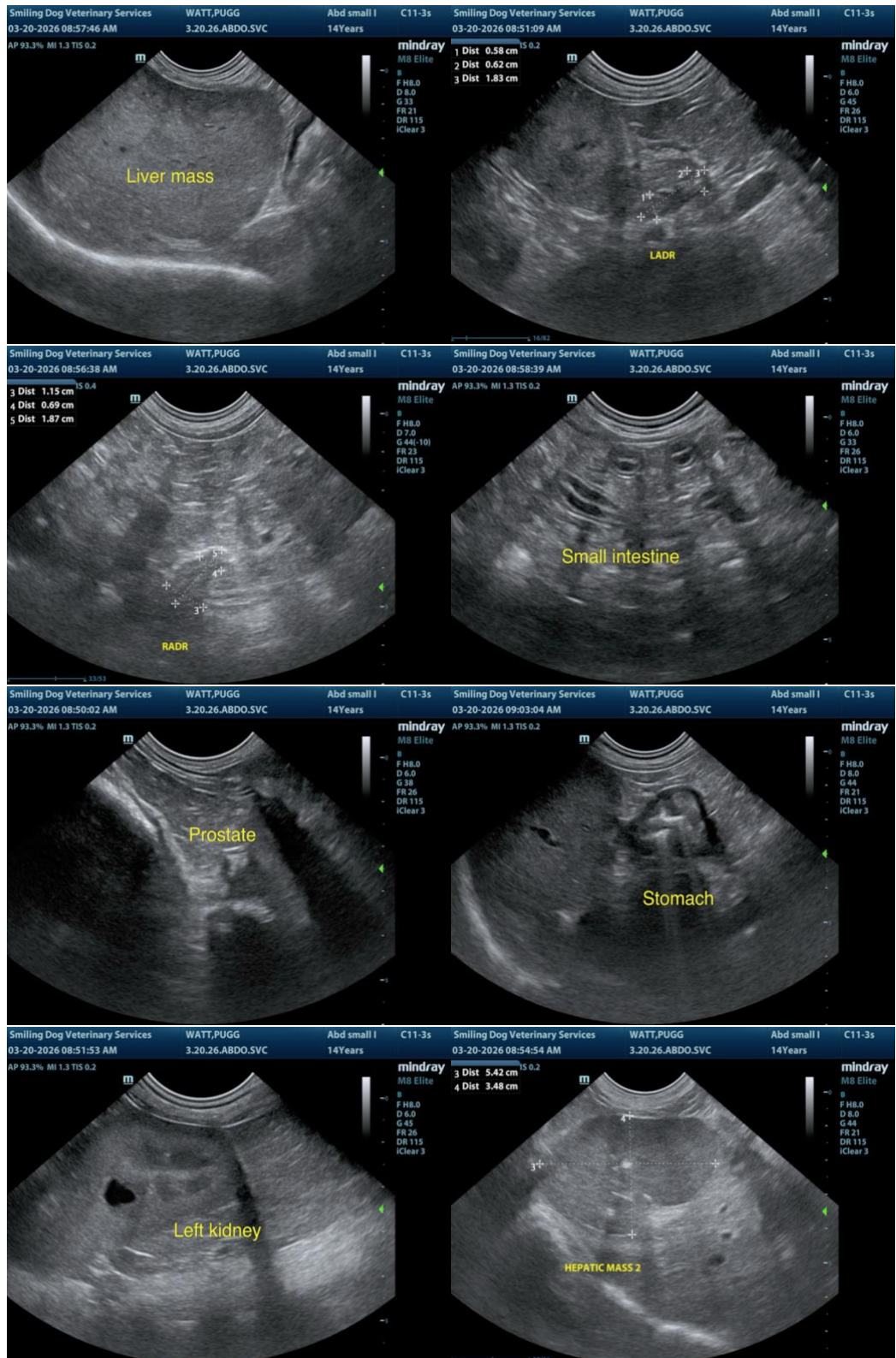
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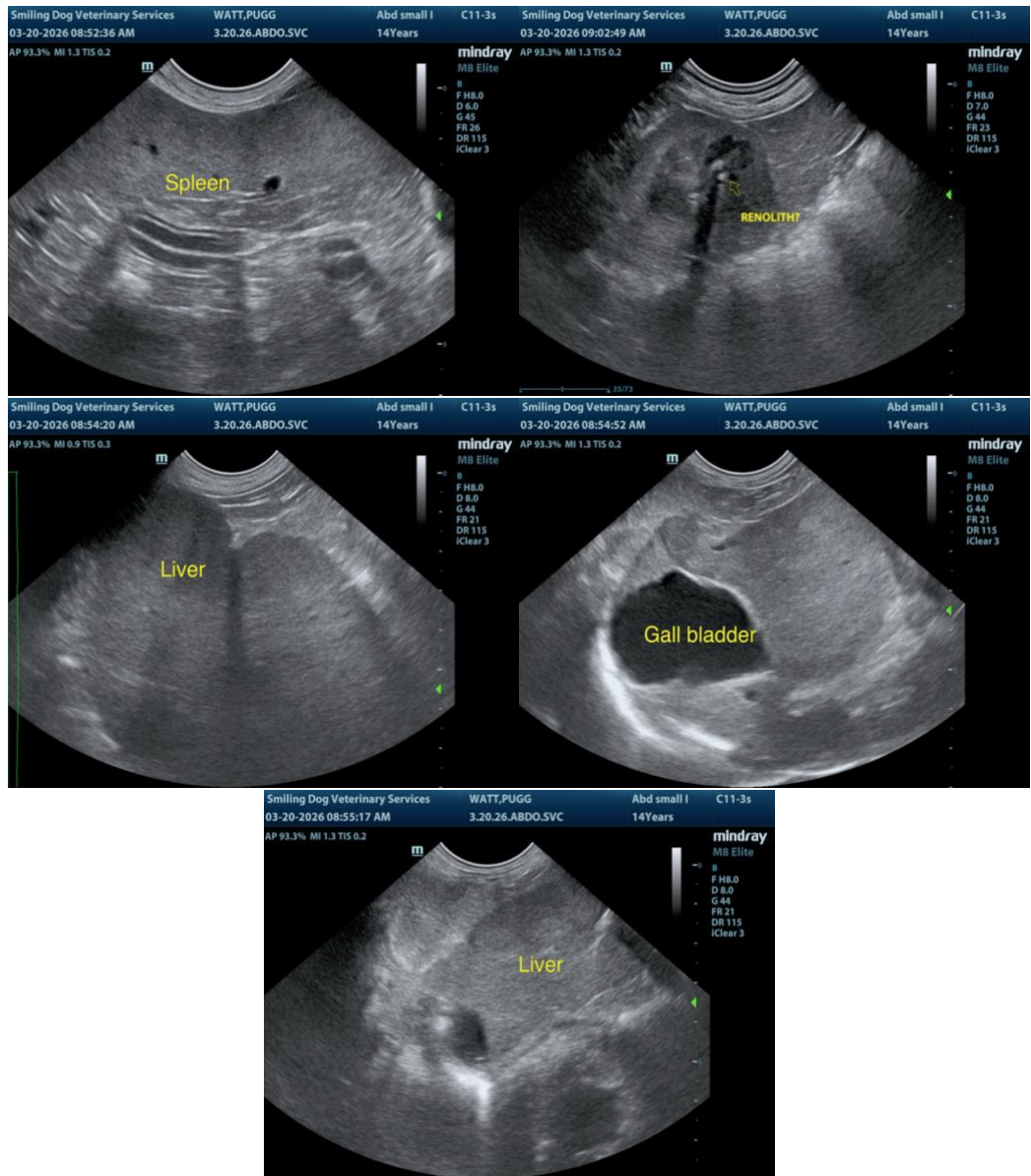
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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)

info@sonopath.com