



PATIENT

Teddy Zijlstra

SPECIES

Canine

BREED

Maltese

SEX

Neutered male

AGE

5 years

WEIGHT

7.1 kg

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

**IMAGING
PERFORMED BY**

Dr. Markland

HOSPITAL NAME

Island Mobile Paws VS

REFERRING VET

Harbour City AH

INVOICE

31941

DATE

7/26/22

PRESENTING CLINICAL SIGNS

History: Chronic diarrhea, previously responsive to metronidazole. Weight loss of 1 kg in past year. Client feeds home cooked diet. Mild erythrocytosis on CBC/Chem panel and negative fecal O&P test. No significant findings on PE.
Abnormal PE/Chem/CBC/UA Results: June 30, 2022: HCT=64.3% (42-62) HGB=219 g/L (145=204) MCH=26.9 pg (22-26)

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The **urinary bladder**, trigone, and pelvic urethra presented normal thicknesses and normal tone. The ureters were not visible which is normal. No uroliths or sediment were visualized and anechoic urine was present. No evidence of inflammatory or neoplastic changes was noted. Ureteral papillae were normal.

The prostate was slightly heterogenous and measured 1.16 cm.

The **kidneys** revealed normal size and structure, corticomedullary definition and ratio for this age. The cortices presented largely uniform texture with normal echogenic relationship to liver and spleen. Medullary structure differed distinctly from the cortex and no evidence of pelvic dilation was present. The capsules were acceptably uniform without significant irregularities. The right kidney measured 4.77 cm. The left kidney measured 4.68 cm.

Adrenal Glands

Both **adrenal glands** were visualized and recognized as having normal shape, size, position and echogenicity for this breed. The phrenic vasculature, glandular echogenicity and detail were unremarkable. Capsule, cortex, and medullary definition were normal for this age patient. The right adrenal gland measured 1.68 x 0.54 cm at the caudal pole and 0.57 cm at the cranial pole. The left adrenal gland measured 1.5 x 0.6 cm.

Spleen

The **spleen** presented a smooth homogeneous parenchyma hyperechoic to liver and renal cortical parenchyma. The capsule was smooth without noticeable expansion or deviation from within the spleen or adjacent pathology. The splenic vasculature demonstrated normal volume without signs of congestion or thrombosis. No sonographic evidence of acute or chronic inflammatory, neoplastic, or infarctual changes was noted.

Liver

The **liver** images submitted revealed subjectively normal liver size, contour, and structure. Parenchymal echogenicity was naturally coarse and hypoechoic to the spleen. Vascular and biliary tracts were of normal volume with no evidence of congestion. The gallbladder presented acceptably thin walls with primarily anechoic content. The cystic and common bile ducts were normal. No pathological hepatic lymphadenopathy was evident. No overt structural evidence of inflammatory, infiltrative or regenerative pathology was evident.



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Gastrointestinal

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Examination of the **gastrointestinal tract** revealed a stomach and intestine free of stasis, of normal wall thickness, acceptable curvilinear mural detail, and peristaltic activity. Small and large intestine demonstrated normal luminal chyme and stool consistency respectively. No obstructive or overt infiltrative disease was noted. No associated abnormal lymphatic activity was noted.

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Pancreas

The base and limbs of the **pancreas** were observed to be largely isoechoic to surrounding omental fat. Pancreatic duct and capsular contour were acceptably normal and parenchyma respected normal curvilinear patterns. No overt evidence of active inflammatory or neoplastic disease was noted.

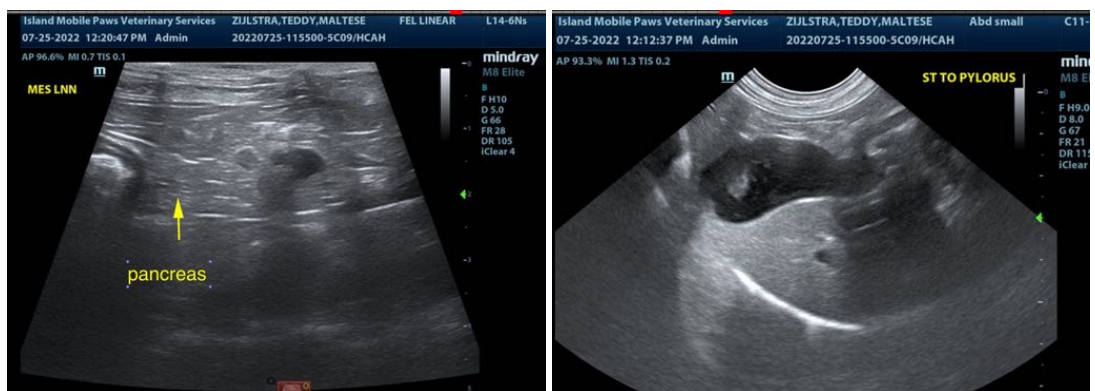
ULTRASONOGRAPHIC FINDINGS

Structurally unremarkable abdomen.

Minor, heterogenous prostate, normal variant.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

There is no evidence of pathology. The patient was likely neutered at adult age or during an episode of prostatitis, yet changes were minor. There is no evidence or suspicion of significant disease. Dietary intolerance is likely in this patient along with a hydrolyzed diet trial may be appropriate. Fecal test is recommended along with antiparasitic protocol. 7-10 days of Enrofloxacin and Metronidazole to treat for enterotoxins and change to a hydrolyzed diet is likely in this patient's best interest.





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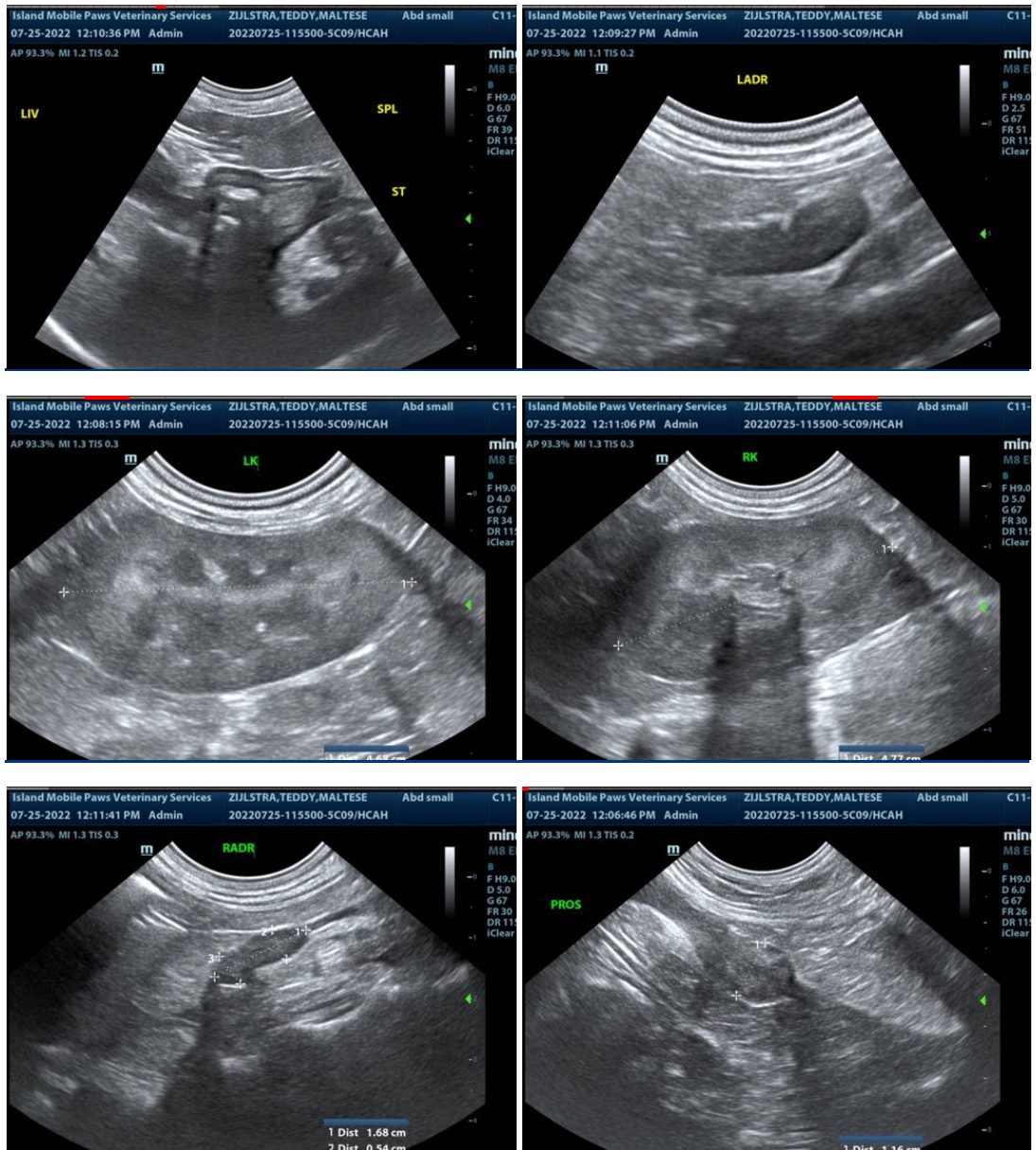
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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info@SonoPath.com