



PATIENT PRESENTING CLINICAL SIGNS

Buster Della Barba Presented for restlessness, panting. PE - potbellied, BCS 7/9, multiple dermal masses, dental disease. ALT 804; ALP 528.

SPECIES On Gabapentin and Denamarin.

Canine Radiographs: mass-like enlargement right division of liver, suspect scant peritoneal effusion. Eating well; normal stools

BREED ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Shih Tzu Mix **Urinary System**

SEX The urinary bladder, trigone, cystourethral junction, and visible pelvic urethra to a depth of – cm exhibited normal thickness and tone. Anechoic urine was present in the lumen with no uroliths or sediment. The ureteral papillae were normal. The ureters were not visible which is normal. No evidence of inflammatory or neoplastic changes were noted.

AGE Normal size and margination were present in the kidneys. A normal 1:3 cortex / medulla ratio was maintained. The medulla and cortices were uniform in texture with some increased echogenicity and moderate loss of corticomedullary symmetry and definition expected for the age of the patient. Mild bilateral pyelectasia was present. The left kidney measured 5.3 cm in length. The right kidney measured 5.3 cm in length

WEIGHT The area of the aortic trifurcation was free of pathology.

32.6lb The residual prostate exhibited mild enlargement, symmetrical capsule contour with mild nonhomogeneous to hypoechoic parenchyma exhibiting multipole areas of pinpoint parenchymal mineralization. The residual prostate measured 3.0 cm x 1.7 cm.

INTERPRETED BY

R. McKenzie Daniel, DVM, DABVP (Canine and Feline) The area of the iliac trifurcation was free of pathology including no evidence of medial, iliac or sublumbar lymphadenopathy.

IMAGING PERFORMED BY

Pamela Harrigan, RDCS

Adrenal Glands

Bilateral symmetrical adrenal gland enlargement with mild nonhomogeneous yet nonmineralized parenchyma was present. The left adrenal gland measured 0.92 cm width at the caudal pole and 0.81 cm width at the cranial pole. The right adrenal gland measured 0.77 cm width at the caudal pole and 1.2 cm width at the cranial pole.

HOSPITAL NAME

Falmouth Animal Hospital

Spleen

The spleen exhibited potential for mild enlargement. Areas of minor capsule asymmetry and generalized mild parenchyma heterogeneity were present. Several non-disruptive cystic appearing splenic nodules were present along with probable intermittent benign myelolipomas. Example of a cystic splenic nodule measured 1.7 cm in diameter. The splenic vasculature at the hilus was normal in volume with no evidence of congestion or thrombosis.

REFERRING VET

Dr. Sakmar

INVOICE

12550ag

Liver/Gallbladder

The liver presented moderately enlarged in size. A non-homogenous ill-defined mass was present in the right lateral to medial liver measuring ~ 6.5 cm in diameter. Concurrent potentially separate or possibly coalescing focally expansive mass was present in the ventrocaudal liver measuring 4.8 cm in diameter. This mass was non-homogenous and mildly distorted the associated hepatic capsule without evidence of parenchymal escape. The parenchyma of the liver was subjectively normal in echogenicity compared to the spleen and renal cortices. The liver parenchyma was uniform with a mildly coarse echotexture.

DATE

12/26/2022



PATIENT

Buster Della Barba

The capsule of the liver was symmetrically rounded to mildly swollen in margination. The hepatic and portal vasculature were normal in appearance without signs of congestion. The gallbladder was non-distended in size with primarily anechoic luminal content and moderate non-dependent congealed echogenic debris with concurrent peripheral mucus. The cystic and common bile ducts were normal.

SPECIES

Canine

Gastrointestinal

The stomach presented intact wall layering with a normal wall layer ratio. The lumen of the stomach was empty with no signs of ileus, obstruction or foreign material.

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The small intestine presented intact wall layering with 1:3 muscularis/mucosa ratio. The lumen of the small intestine was empty with no signs of ileus, obstruction or foreign material.

Normal visible colon wall layers were present with apparent formed feces in lumen.

SEX

MN

Pancreas

The pancreas was mildly prominent in size with capsule asymmetry and isoechoic to heterogeneous parenchyma compared to adjacent omentum. Concurrent mild pancreatic duct dilation was present.

AGE

14yr

Free Abdomen

No omental masses, overt lymphadenopathy or peritoneal effusion was present.

WEIGHT

32.6lb

ULTRASONOGRAPHIC FINDINGS

- Mild residual prostatomegaly exhibiting pinpoint parenchymal mineralization
- Bilateral chronic renal changes with minor pyelectasia, cortical cysts and dystrophic medullary mineral
- Generalized hepatomegaly exhibiting right intraparenchymal non-homogenous mass/masses
- Gallbladder mucocele
- Bilateral mild non-homogenous adrenomegaly
- Non-specific likely benign cystic splenic nodules

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DABVP (Canine and Feline)

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The residual prostate pinpoint parenchymal mineralization may suggest emerging neoplasia. FNA prostate and hepatic mass cytology assuming normal clotting status is recommended for further assessment. A full adrenal workup with LDDST or ACTH stim test may be considered if clinically applicable.

Hepatosupportive medications such as Denamarin and Ursodiol may prove beneficial with close monitoring for evidence of increasing cholestasis or cranial abdominal/subxiphoid discomfort associated with the gallbladder.

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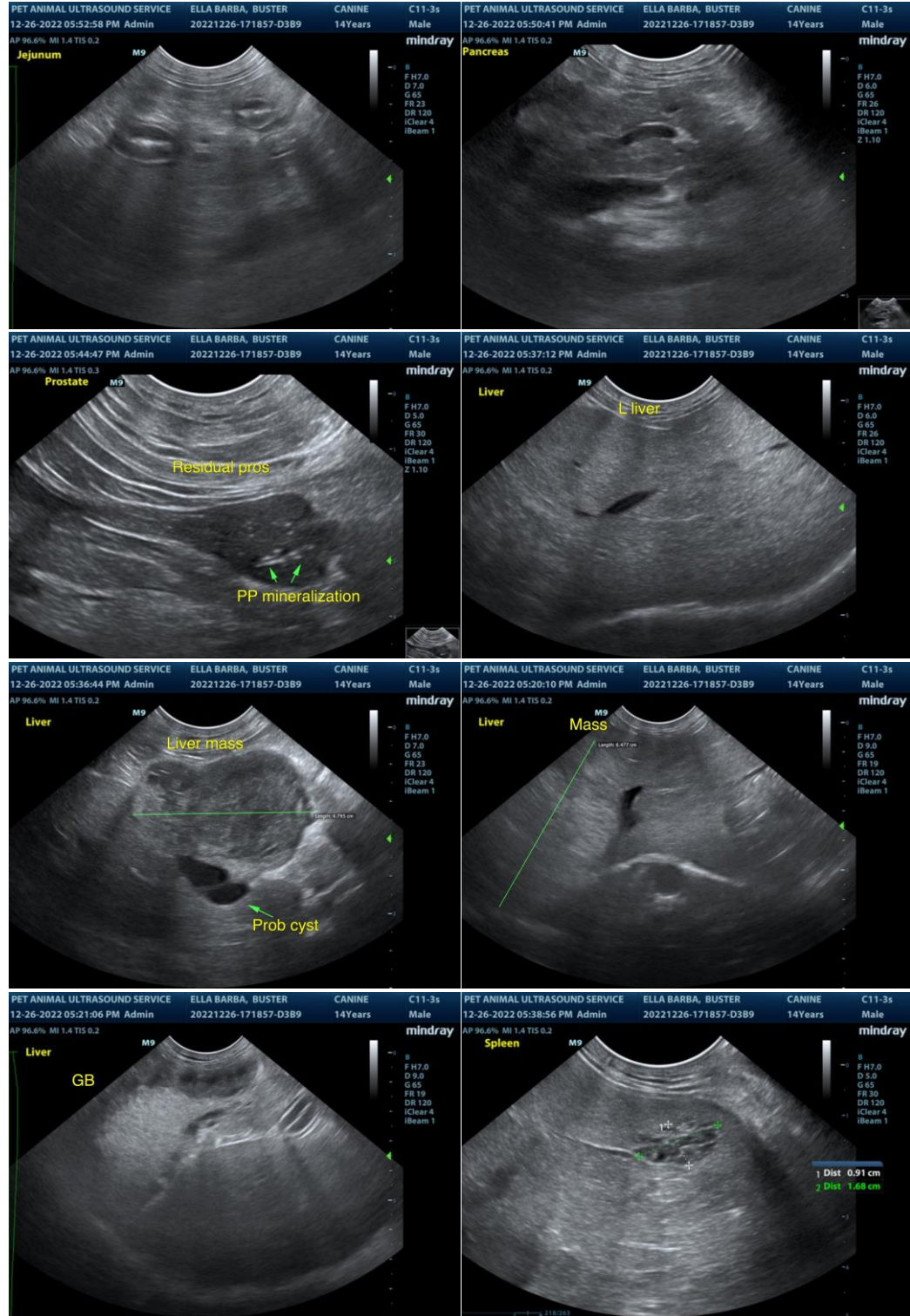
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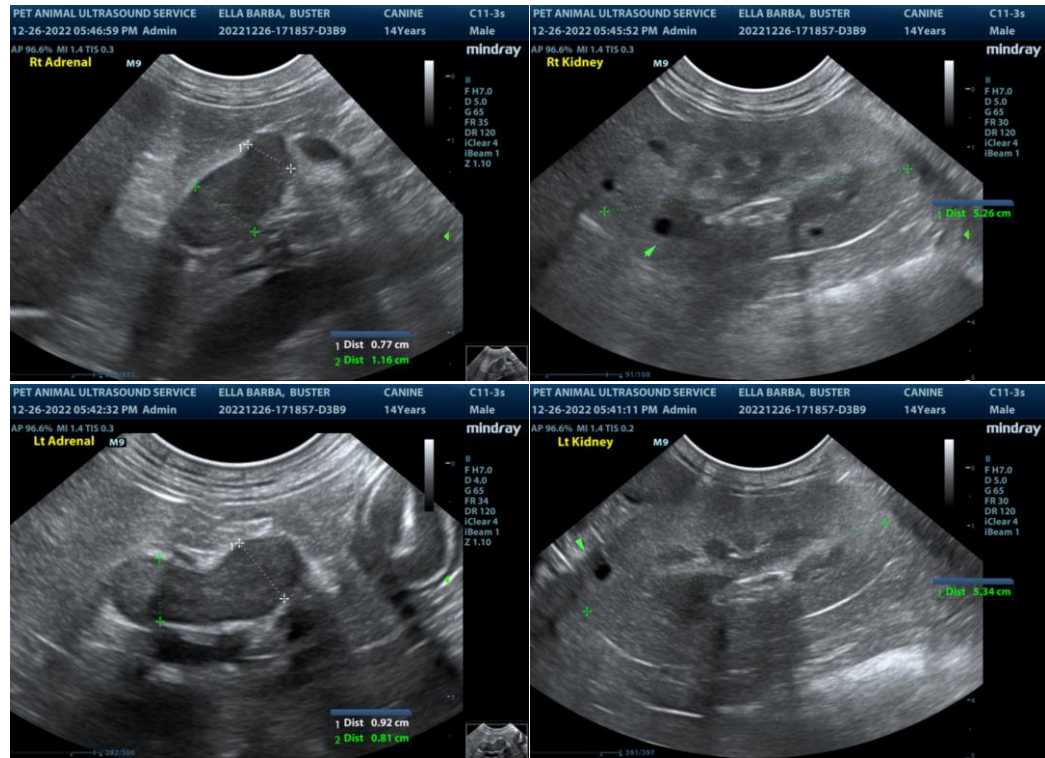
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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