



PATIENT PRESENTING CLINICAL SIGNS

PATIENT
Bento Sarff

SPECIES

Canine

BREED

Portuguese Water Dog

SEX

Neutered Male

AGE

9 Years

WEIGHT

75 Pounds

INTERPRETED BY

Eric Lindquist, DMV

DABVP, Cert. IVUSS

IMAGING PERFORMED BY

Dr. Jennifer Todd

HOSPITAL NAME

Lambs Gap AH

REFERRING VET

Dr. Jennifer Todd

INVOICE

44179

DATE

7/20/23

Bento is a nine year old, MN, Portuguese Water Dog who was presented on 7/7/23 for not self, lethargic, decreased appetite, refusing his walks. His owner reported that Bento may have eaten a few spare ribs out of the trash several days prior. No vomiting or diarrhea was present. Bloodwork showed mild, regenerative anemia, mild neutrophilia/monocytosis/basophilia, mild ALP increase (411), mildly decreased sodium and chloride. Snap cPL in clinic was normal. Abdominal and thoracic radiographs showed: Thorax: The heart in this patient is enlarged. The cardiomegaly is generalized. Segmental cardiac enlargement is not identified. There are numerous, ill-defined, ovoid, soft tissue opacities in the lungs. My primary consideration is that multifocal nodular lung disease is present. A heart base mass is not identified. The cranial mediastinal is normal. Pleural effusion is not identified. Abdomen: The liver and spleen are normal. The stomach and small intestine are within normal limits. Bilaterally the kidneys are normal. The urinary bladder is normal. The retroperitoneal detail is normal. The abdominal detail is decreased. My primary consideration is that peritoneal effusion is present. The region of the pancreas is normal. Double cavity sonogram was advised to help provide more information for Bento's owners to decide next steps in his treatment. Blood pressure today was 148/73, 149/77, 146/93

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 were noted. Ureteral papillae were normal.

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 4.2 cm. The left kidney measured 6.45 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 4.15 cm x 1.66 cm at the cranial pole and 0.80 cm at the caudal pole. The left adrenal gland measured 2.64 cm x 0.48 cm at the cranial pole and 0.59 cm at the caudal pole.

Spleen

The **spleen** presented subtle heterogeneous parenchymal changes without disrupted architecture.

Liver

The **liver** presented mild passive congestion pattern without ascites. Mildly swollen with uniform parenchyma. The gallbladder was unremarkable.



PATIENT *Gastrointestinal*

Bento Sarff

There was some residual chyme and gas was noted in the **stomach**, yet not pathological. This is consistent with end post prandial presentation. Transit of chyme into the small intestine was normal.

SPECIES

Canine

Curvilinear patterns were maintained throughout the GI tract. No evidence of pathology. 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.

BREED

Portuguese Water Dog

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.

SEX

Neutered Male

ULTRASONOGRAPHIC FINDINGS

AGE

9 Years

- Subtle micronodular splenic changes
- Mild passive congestion liver pattern without ascites

WEIGHT

75 Pounds

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

No obvious splenic masses. However, I cannot rule out an emerging neoplastic event. No evidence of significant abdominal pathology.

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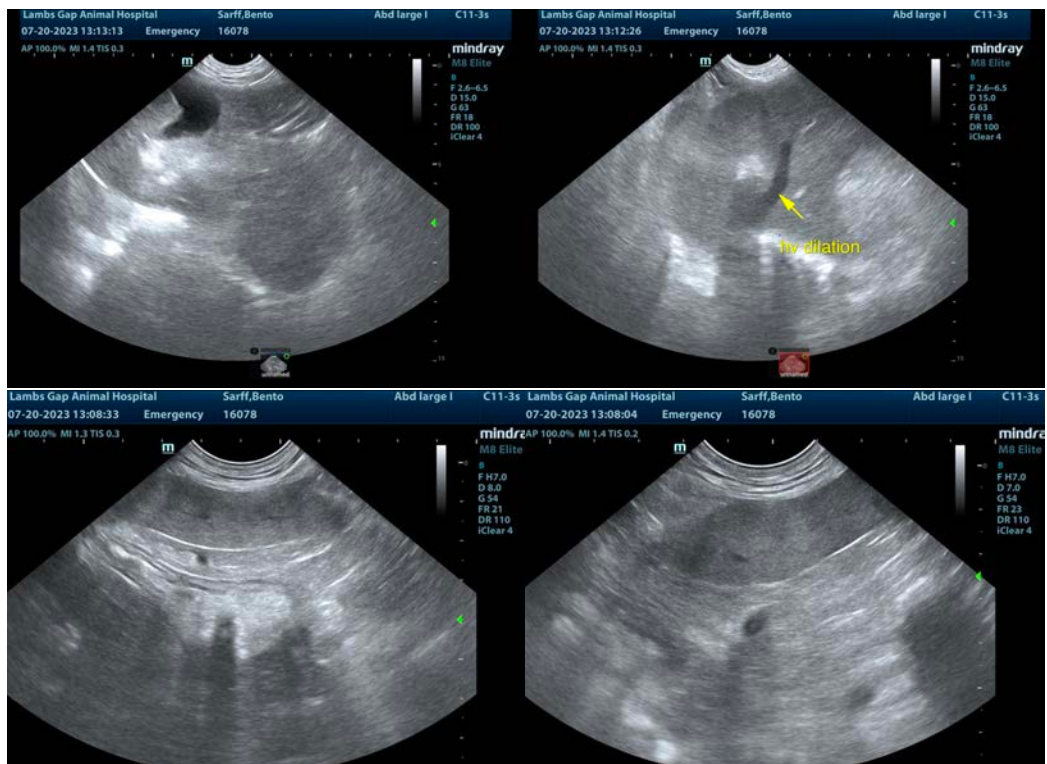
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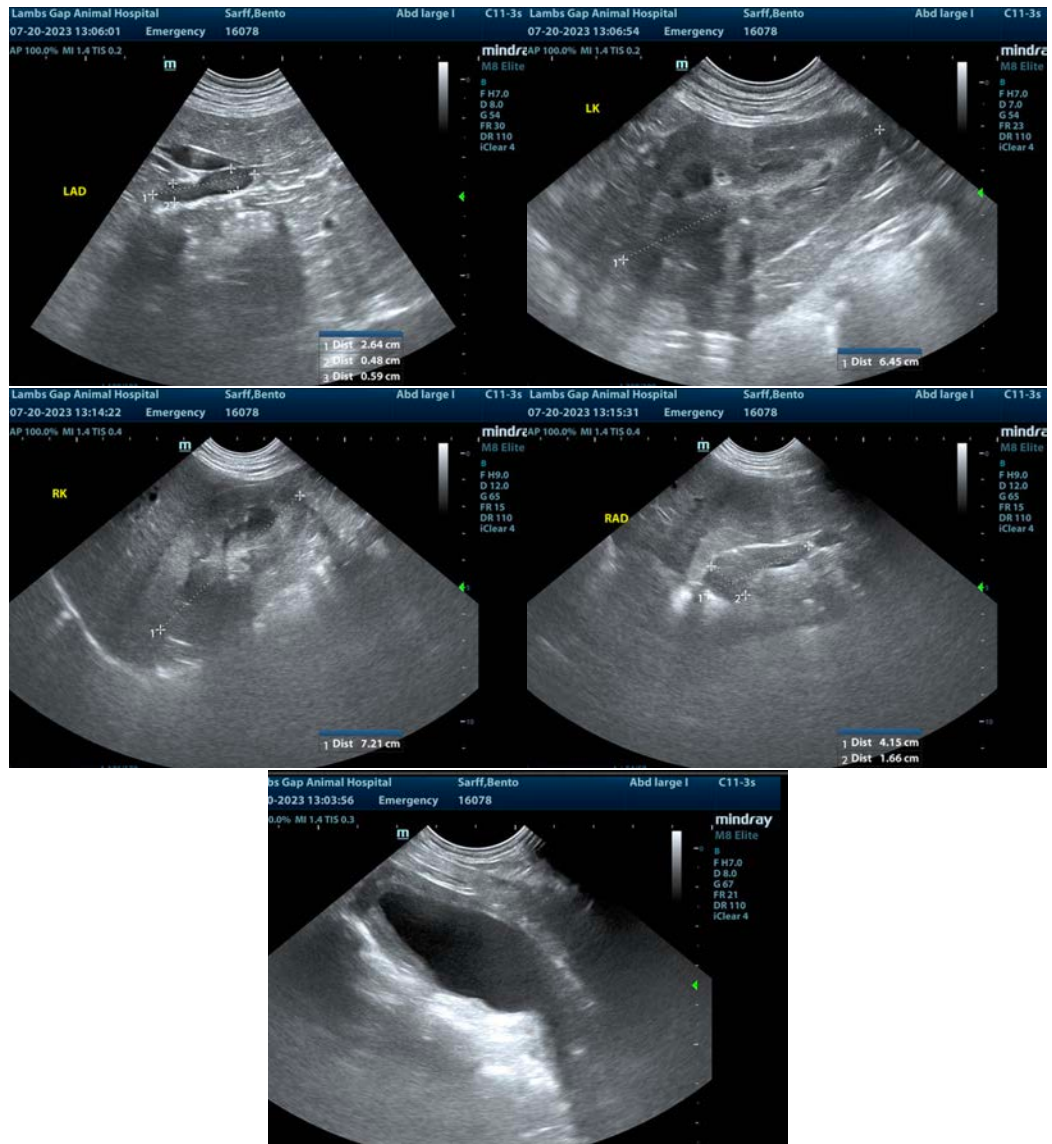
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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