



PATIENT PRESENTING CLINICAL SIGNS

LUKE ARILL
History: Patient was presented for evaluation of acute history (since 4/26/2023) of vomiting and lethargy. Patient has had several episodes of vomiting clear liquid. There is no known dietary indiscretion. Patient has not had diarrhea. Radiographs revealed generalized dilation of small intestine segments and stomach with gas.

SPECIES
Canine
Abnormal PE/Chem/CBC/UA Results: CBC - WNL Chemistry - hypophosphatemia fecal - negative PE - mild amount of calculus, BCS 7/9, subcutaneous soft mass near proximal left hindlimb

BREED ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Labradoodle

Urinary System

SEX
Neutered male
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.

AGE
8 years
The residual prostate measured 1.0 cm.

WEIGHT
55.2 lbs
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 6.48 cm. The left kidney measured 6.08 cm.

INTERPRETED BY Adrenal Glands

Eric Lindquist, DMV
DABVP, Cert. IVUSS

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 2.64 x 0.49 cm.

IMAGING PERFORMED BY

Dr. Ferrer

Spleen

HOSPITAL NAME

Paseos VC

The **spleen** was uniformly enlarged with relatively uniform parenchyma without evidence of masses. The capsule was mildly swollen. This is most consistent with hypersplenism and reactive hyperplasia deriving from splenic white or red pulp. However, early infiltrative disease, such as lymphoma or mast cell neoplasia can, at times, present in this manner. True hypersplenism from an internal medicine standpoint causes sequestering of thrombocytes resulting in thrombocytopenia and anemia. Clinical manifestation of this phenomenon should be considered. US-guided FNA would be best in order to ensure only reactive hyperplasia is present. If clinical signs fit with potential neoplasia or mast cell disease, then Benadryl injection (1 mg/pound IM) 15 minutes prior to FNA would be recommended.

REFERRING VET

Dr. Martes

INVOICE

44066

Liver

DATE

4/27/23

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



PATIENT

Luke Arill

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.

SPECIES

Canine

Gastrointestinal

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.

BREED

Labradoodle

SEX

Neutered male

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.

AGE

8 years

ULTRASONOGRAPHIC FINDINGS

WEIGHT

55.2 lbs

Benign abdomen.

Minor splenic enlargement.

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

There was no evidence of structural disease or foreign bodies. Dietary indiscretion, food intolerance, structurally significant inflammatory bowel or occult parasitism and occult Addison's are all potentials.

IMAGING PERFORMED BY

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REFERRING VET

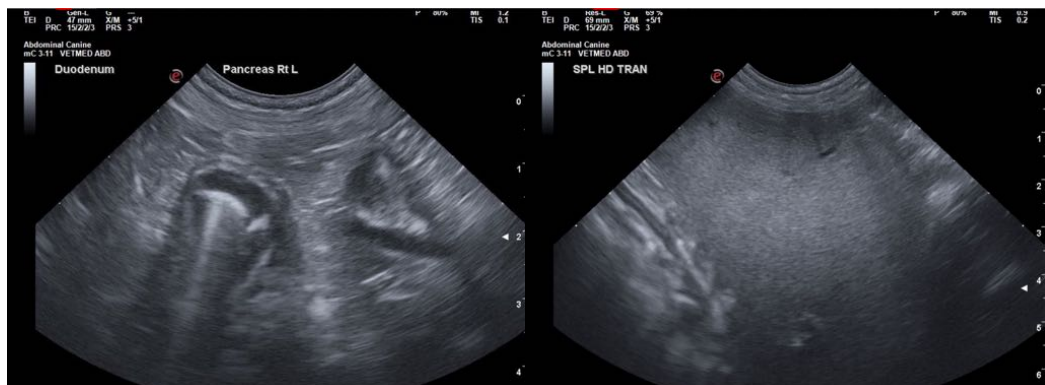
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SPECIES

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SEX

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AGE

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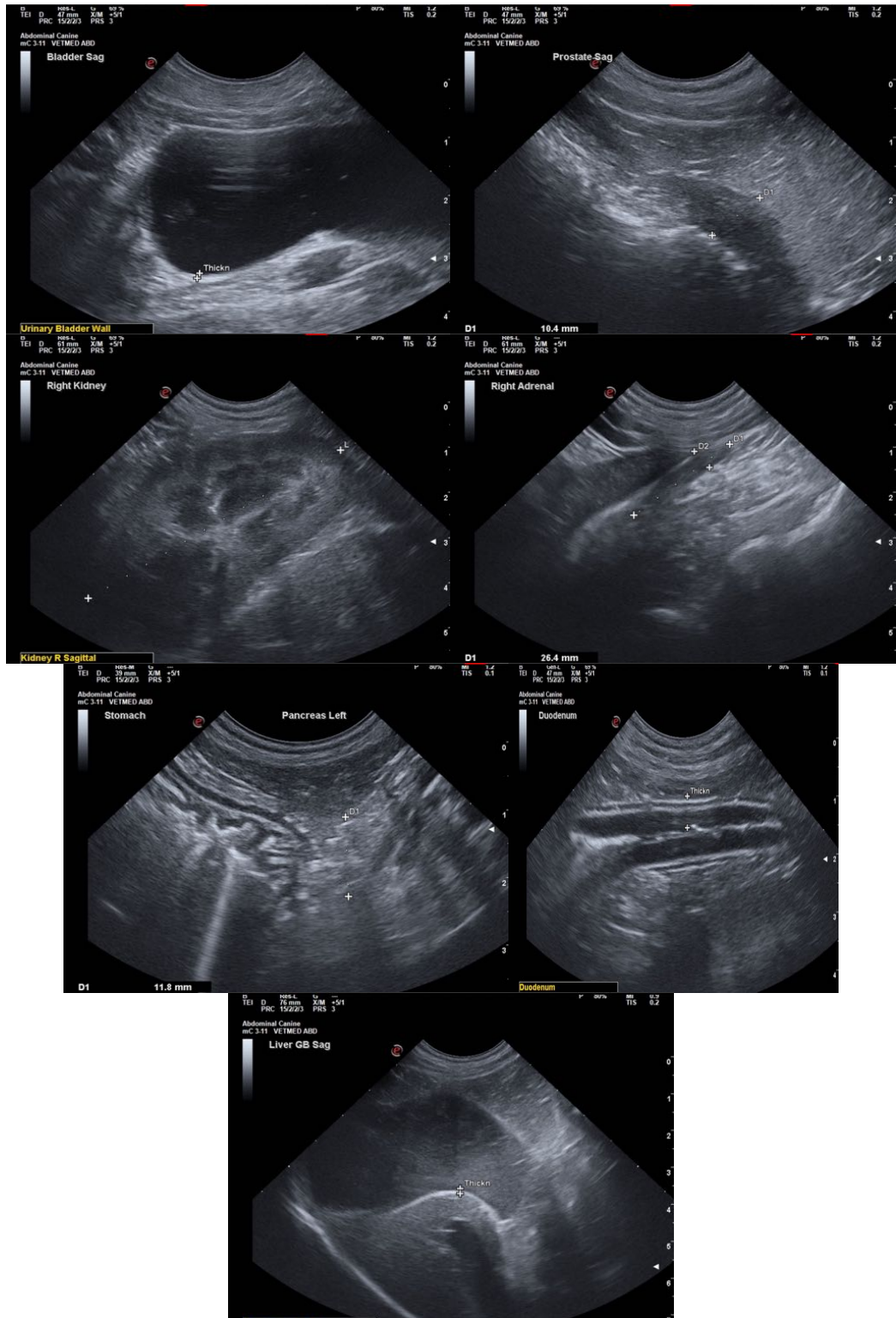
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

SPECIES

Canine

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.

BREED

Labradoodle

Eric Lindquist, DMV, DABVP, Cert. IVUSS, CEO of SonoPath.com
info@SonoPath.com

SEX

Neutered male

AGE

8 years

WEIGHT

55.2 lbs

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