



PATIENT

Dexter Reichert

SPECIES

Canine

BREED

Chihuahua

SEX

Neutered male

AGE

10 years

WEIGHT

7.1 kg

INTERPRETED BY

Eric Lindquist, DMV
DABVP, Cert. IVUSS

IMAGING PERFORMED BY

CVN

HOSPITAL NAME

Animal Emergency
Hospital Volusia

REFERRING VET

CVN

INVOICE

98178

DATE

4/12/22

PRESENTING CLINICAL SIGNS

History: PP for vomiting for the past week, anorexia started yesterday, and in the morning yesterday was wheezing and had increased resp rate/effort, possible aspiration. PU/PD. Previously diagnosed with hypothyroidism and is on thyroxine - O stopped about 2 weeks ago because she thought P was losing weight from this med, hasn't been on it since. Also on Apoquel which O has not given lately either. No diet change, no new treats, no people food given to P. Dull/lethargic on exam, CRT >3s, 2/6 L systolic heart murmur noted, very painful on abdominal palpation, looks like P has been having diarrhea based on fur about rectum.

Abnormal PE/Chem/CBC/UA Results: ketones-large cpli-poitive all electrolytes low, potassium 2.3 wbc 36k, neutrophils elevated acidotic albumin 4.3 glucose >600 alp 636 bun 108, creat and phos elevated

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 **kidneys** are normal in size and contour with hyperechoic, idiopathic medullary rim sign present. The kidneys both measured 4.0 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 left adrenal gland measured 0.4 cm. The right adrenal gland measured 0.7 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** was diffusely hyperechoic to the falciform fat. The liver was normal in size with slight, heterogenous parenchymal changes present. The gallbladder revealed a trace amount sand and minor excessive debris noted.



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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. The small intestine and colon were unremarkable.

SPECIES

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Pancreas

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Minor heterogenous **pancreatic** changes were noted in the right limb.

SEX

Neutered male

Diabetic nephropathy.

Diabetic hepatopathy. Gallbladder sand and debris.

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10 years

Minor, heterogenous pancreatic changes, suspect resolving of low grade pancreatitis.

WEIGHT

7.1 kg

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Treatment for pancreatitis and diabetic ketoacidosis is indicated. Ursodiol therapy is warranted as long term hepatic management. There is a potential for underlying emerging PDH/Cushing's

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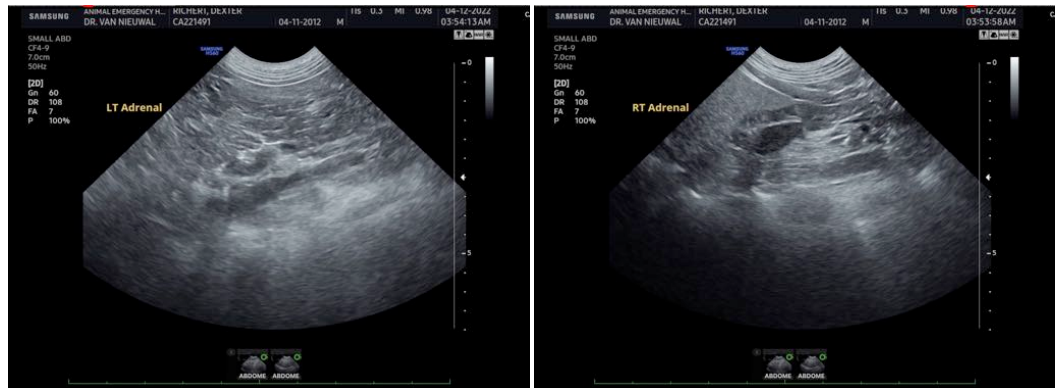
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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