

PATIENT PRESENTING CLINICAL SIGNS

Cami Young History: Physical exam abnormalities: - Ventral/dorsal aspect of lungs are harsh, with crackles noted. L>R - Mild amount of clear nasal discharge noted - Abdomen distended, but not painful. Appears WNL for her in recent visits. - Heart is muffled, but no obvious murmurs auscultated. The crackles near the lung field make it hard to hear the heart sounds. - Slight dehydration

SPECIES

Canine Abnormal PE/Chem/CBC/UA Results: CBC: RBC 8.5 (5.2-8.1), all else WNL - Chem: Glucose 50 (65-125), Mg 3.5 (1.6-3.3), CO2 12 (17-25), Anion gap 34 (7-28), Total protein 7.7 (5.1-6.9), Albumin 4.4 (2.7-3.9), AST 47 (11-46), ALP 303 (8-196), CK 740 (38-338), all else WNL TT4 = 3.0 (0.7-4.1) ALP elevation is historic. With no other liver enzyme elevation I suspect this may be due to inflammation from periodontal disease or arthritis, etc. Heart Rate and Respiratory Rates 130bpm / 28rr Blood Pressure Measurements n/a Current Medications Galliprant, Clavamox

BREED

Dachshund Radiographic Findings Radiology report: Consolidated R middle lung lobe, suspect aspiration pneumonia. Liver is enlarged greatly, but radiologist does not suspect heart failure at this time based on radiographs. Globoid-shaped and enlarged heart.

SEX

Spayed Female

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

AGE

11 Years

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.

WEIGHT

13 Pounds

The **kidneys** revealed largely normal size and structure, corticomedullary definition and ratio (cortex 1/3 of medulla) were essentially maintained with some mild age-related loss of curvilinear patterns regarding the capsule and C/M junction. The cortices presented largely uniform texture with some increased echogenicity expected for his age patient. Medullary structure differed distinctly from that of the cortex and no evidence of pelvic dilation was present. Mineralization was present in the kidneys. The left kidney measured 4.9 cm. The right kidney measured 5.36 cm. Occasional cortical cysts were noted in both kidneys.

INTERPRETED BY

Eric Lindquist, DMV, DABVP, Cert. IVUSS

Adrenal Glands

The **adrenal glands** appeared slightly enlarged and swollen. No evidence of focal capsular expansion or invasion into the phrenic veins were noted. No overt suspicion of neoplasia was noted. This is considered likely a hyperplastic change associated with stress or adrenal endocrinopathy (PDH). If isosthenuria is persistently present and the patient morphologically suggests Cushing's disease then ACTH testing would be indicated. This is a mild change. The right adrenal gland measured 2.54 cm x 1.5 cm at the cranial pole and 0.92 cm at the caudal pole. The left adrenal gland measured 2.46 cm x 0.9 cm at the caudal pole and 0.71 cm at the cranial pole.

HOSPITAL NAME

Hello Vet for Pets Wellness Center

REFERRING VET

Dr. Christensen

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 were noted.

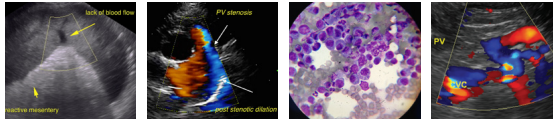
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21130

Liver

DATE

2/16/23



PATIENT

Cami Young

The **liver** was uniformly swollen with minor, excessive gallbladder debris and over distension with dependent and suspended bile without evidence of overt mucocele formation. However, excessive sludge was present. The liver presented coarse architecture with mildly increased portal markings and subtle, mixed echogenic changes. This is a minor change, consistent with vacuolar hepatopathy and some level of remodeling and history of inflammatory component. There was no overt suspicion of neoplasia.

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. A trace amount of chyme was noted in the stomach.

BREED

Dachshund

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

Spayed Female

ULTRASONOGRAPHIC FINDINGS

AGE

11 Years

- Subjectively benign hepatopathy
- Age-related renal changes with mineralization
- Bilateral adrenal enlargement, suggestive for PDH
- Trace amount of chyme in the stomach

WEIGHT

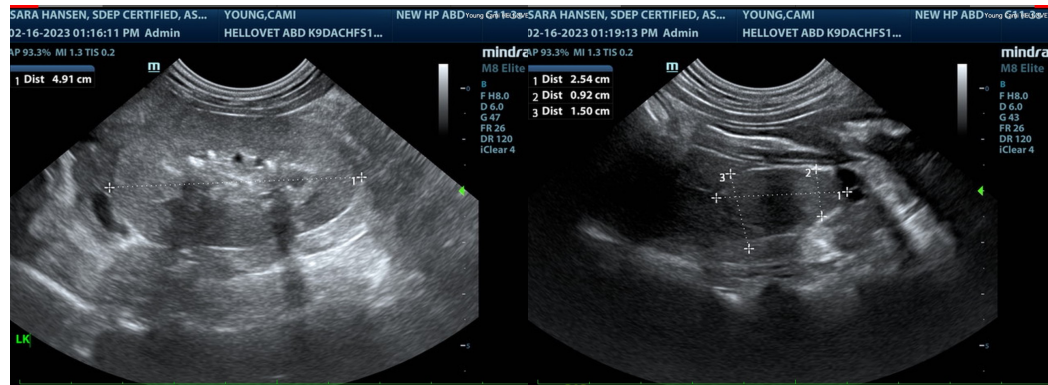
13 Pounds

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

If the patient appears cushingoid and urine specific gravity is <1.020, then work up for pituitary dependent hyperadrenocorticism is recommended.

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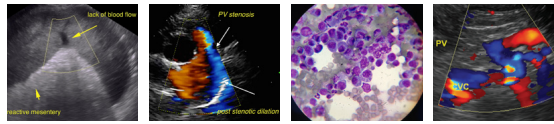
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SPECIES

Canine

BREED

Dachshund

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AGE

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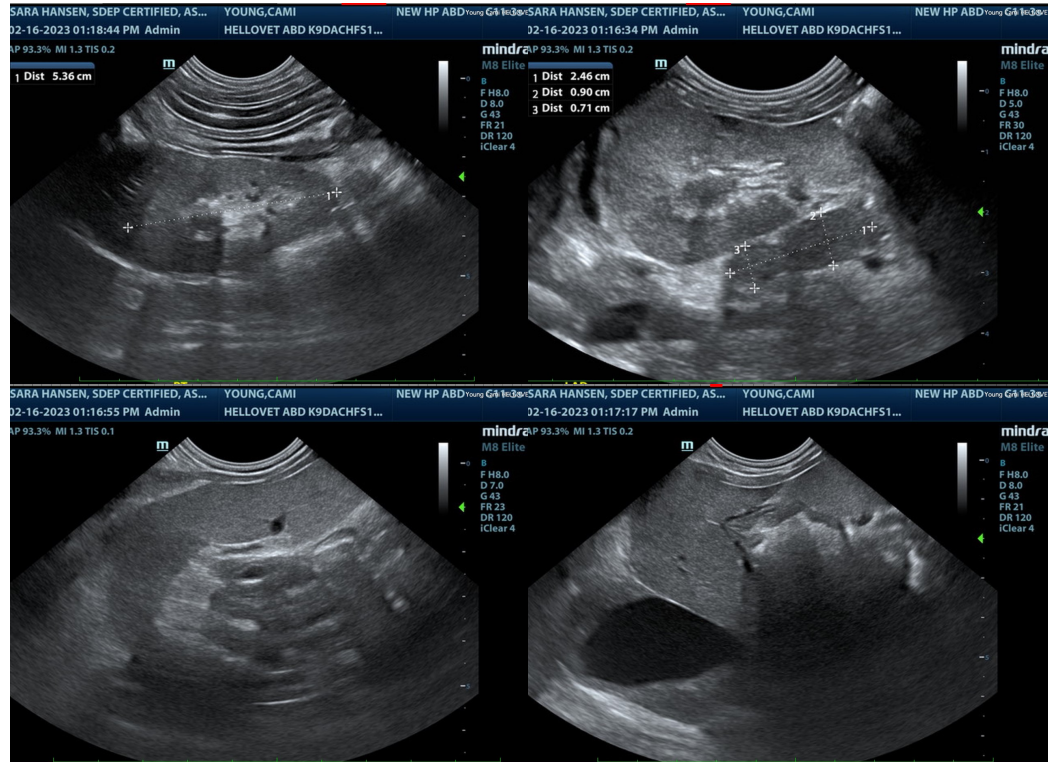
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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