

PATIENT PRESENTING CLINICAL SIGNS

Riley Behrens

History: Hospital: Advanced Pet Care of Northern Nevada Referring Veterinarian: Dr. Sarah Behrens; sbehrens@apcnv.com Owner's First and Last Name: Sarah Behrens, DVM Patient's Name: Riley Species: Canine Gender (altered?): FS Age: 10 years Weight in LBS: 25.1 Breed: Cocker Spaniel Mix History: Historical: Reflexive Seizures- controlled with phenobarbital 32.4mg PO BID, Neurocare; bilateral mastectomy. Recent (starting 12/16/21 PM): blepharospasm w/ normal ophthalmic exam, hypersalivation, holding mandible low, occasional sinus noise, polydipsia w/o polyuria, lethargy, normal appetite. Physical Exam Findings/Reason for Ultrasound: Looking for source of above changes: neoplasia, organ dysfunction, etc. prior to anesthesia for laryngeal exam or CT. Additional Information: Veterinarian's personal pet

SPECIES

Canine

BREED

Cocker spaneil mix

SEX

Female, spayed

AGE

10 Years

WEIGHT

25.1 Pounds

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The urinary bladder is mildly to moderately distended. The wall is mildly thickened (up to 0.44 cm) in the region of the apex with an irregular mucosal surface. No cystic calculi are observed. The region of the trigone is normal.

The left kidney is normal size (5.12 cm in length); normal shape and architecture with smooth peripheral margins. There is a normal 1:3 cortex to medulla ratio with normal corticomedullary distinction. There is no evidence of pyelectasia, nephroliths, infarcts or hydroureter.

The right kidney is normal size (5.35 cm in length); normal shape and architecture with smooth peripheral margins. There is a normal 1:3 cortex to medulla ratio with normal corticomedullary distinction. There is no evidence of pyelectasia, nephroliths, infarcts or hydroureter.

INTERPRETED BY

Andrea Nicastro, DVM,
Diplomate ACVIM
(Small Animal Internal
Medicine)

Adrenal Glands

The left adrenal gland is normal size (0.41 cm at cranial pole) (0.50 cm at caudal pole)(2.12 cm in length); normal shape; homogenous parenchyma. The glandular echogenicity and detail are unremarkable. Capsule, cortex, and medullary definition are normal. The phrenicoabdominal vein and surrounding vasculature are normal.

The right adrenal gland is normal size (0.49 cm at cranial pole) (0.43 cm at caudal pole); normal shape; homogenous parenchyma. The glandular echogenicity and detail are unremarkable. Capsule, cortex, and medullary definition are normal. The phrenicoabdominal vein and surrounding vasculature are normal.

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Loetitia Saint-Jacques, RVT

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Spleen

The spleen is normal in size (1.66 cm in width at the level of the hilus) with a normal capsular contour. There is appropriate echogenicity and echotexture. No focal lesions are observed. Splenic vasculature is normal.

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Dr. Sarah Behrens

Liver

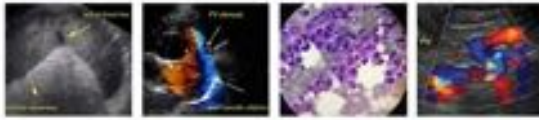
The liver is subjectively normal in size with normal contours and structure. There is appropriate echogenicity and echotexture. No overt structural evidence of inflammatory, infiltrative or regenerative pathology is evident. Vascular and biliary tracts are of normal volume with no evidence of congestion. No pathological hepatic lymphadenopathy observed. The gall bladder lumen is moderately distended. The wall is thin and smooth. A small to moderate amount of echogenic debris, most of which

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is gravity-dependent and some of which is suspended is observed within the lumen. The cystic and common bile ducts are normal/not seen.

Gastrointestinal

SPECIES

Canine

The gastric lumen is moderately distended with ingesta. The gastric wall is normal in thickness with a normal layering pattern. The small intestinal lumen is segmentally dilated with chyme. The small intestinal wall thickness is normal with a normal layering pattern and appropriate mural detail. Discreet masses are not identified. The colonic wall is normal. No obstructive disease is noted.

BREED

Cocker spaniel mix

Pancreas

A portion of the pancreas is obscured by the gastric distention. In the visualized portion, no obvious pathology is observed.

SEX

Female, spayed

Free Abdomen

The peritoneal cavity is normal. There is no evidence of inflammation or effusion. The abdominal lymph nodes are normal/not visible.

AGE

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Other

A brief echocardiogram reveals no evidence of pericardial effusion.

WEIGHT

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ULTRASONOGRAPHIC EXAMINATION OF THE CERVICAL CAVITY

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Left thyroid lobe (0.35 in sagittal plane). Right thyroid lobe (0.26 cm in transverse plane). No obvious abnormalities are observed in the thyroid gland in the available images.

IMAGING PERFORMED BY

ULTRASONOGRAPHIC FINDINGS

Loetitia Saint-Jacques, RVT

- The urinary bladder wall changes could be consistent with cystitis or may be artifactual due to lack of full repletion. Correlation with clinical findings is recommended.
- Unremarkable thyroid lobes.

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*An obvious cause for the patient's clinical signs is not identified in this study. Trigeminal neuropathy/neuritis is a consideration.

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

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- A T4/free T4 by equilibrium dialysis is recommended to rule out hypothyroidism as an underlying cause +/- 2 M antibody titers to further evaluate for masticatory muscle myositis.
- Ultimately, referral to a board certified neurologist for advanced imaging (i.e., MRI) +/- CSF tap may be warranted.
- Three-view thoracic radiographs are recommended to assess for occult neoplasia in the chest.

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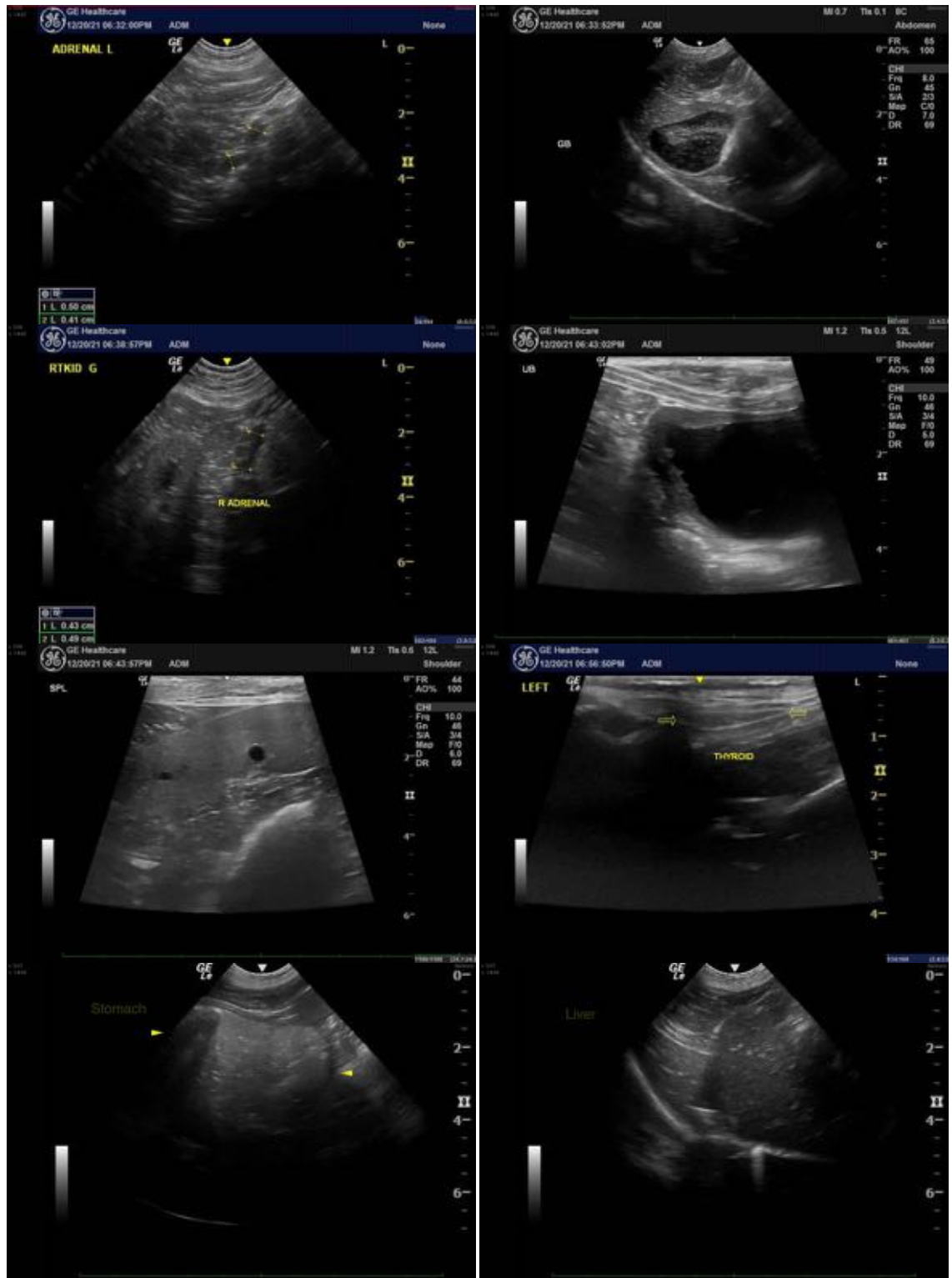
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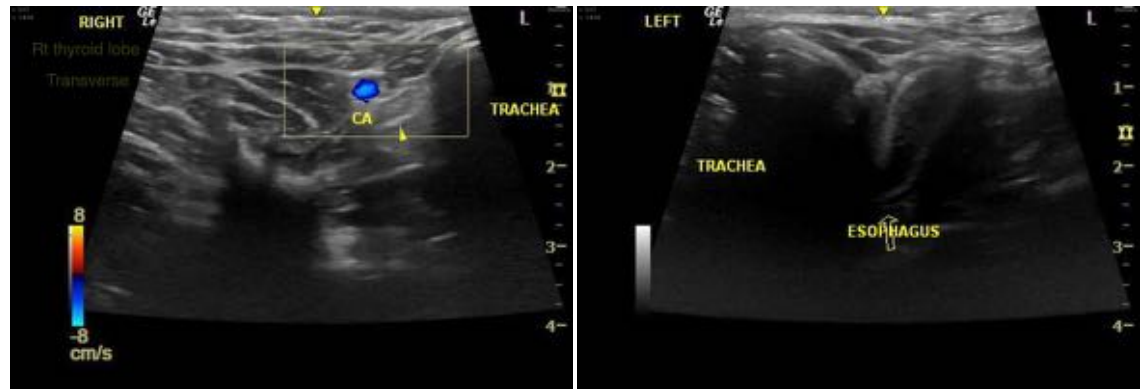
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

Andrea Nicastro, DVM, Diplomate ACVIM (*Small Animal Internal Medicine*)

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