

PATIENT

Sadie Balkwill

SPECIES

Canine

BREED

Dachshund

SEX

MN

AGE

13 years

WEIGHT

6.8 kg

INTERPRETED BY

Remo Lobetti, BVSc,
MMedVet (Med),
PhD, Dipl. ECVIM

IMAGING PERFORMED BY

Brent Crutchfield,
DVM

HOSPITAL NAME

Treasure Coast
Animal Emergency

REFERRING VET

Dr Cail

INVOICE

302985

DATE

5/24/22

PRESENTING CLINICAL SIGNS

History: Acute onset vomiting. On Vetoryl for Cushing's disease.

Physical Examination: N/A.

Urinalysis: N/A.

CBC: N/A.

Serum Biochemistry: N/A.

Radiographic Findings: Gastric material, normal thorax.

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

Full urinary bladder with a normal thickness (0.2 cm) and appearance of the wall. Normal anechoic urine with no sediment or uroliths evident.

Normal trigone area, proximal urethra, and iliac blood vessels.

Normal iliac lymph nodes. Ureters not visualized.

Normal renal size (left 4.8 cm, right 4.6 cm) with increased echogenic appearance, some loss of cortico-medullary differentiation, and normal pelvis, and capsule.

Reproductive System

Small hypoechogenic prostate (0.7cm).

Adrenal Glands

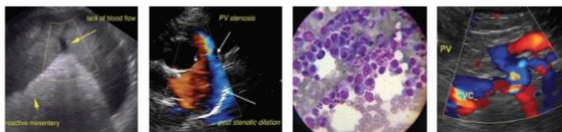
Normal shape, echogenic appearance, and position but bilaterally enlarged. Left 1.07 cm, right 1.07 cm. Hyperechogenic nodule (0.75 cm) in the cranial pole) of the right adrenal gland.

Spleen

Normal size and echogenic appearance. Smooth homogenous parenchyma, smooth curvilinear capsule, and normal vasculature. No evidence of inflammatory, neoplastic, infarction, or infiltrative changes noted.

Liver

Normal size, echogenic appearance, and portal markings. No nodules or masses evident. Small gall bladder containing normal anechoic bile. Normal thickness (0.1 cm) and appearance of the gall bladder wall. Normal bile duct.



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Gastrointestinal

Normal appearance of the gastro-esophageal junction, stomach, duodenum, small intestine, ileo-cecal junction, and colon with no loss of layering, normal wall thickness (stomach 0.39 cm, duodenum 0.46 cm, colon 0.12 cm) and peristalsis, and no distension of the lumen.

Pancreas

Normal size and echogenic appearance. Regular capsule. Normal echogenic appearance of the mesentery and fat surrounding the pancreas.

Free Abdomen

No mesenteric lymphadenomegaly.
No ascites.

ULTRASONOGRAPHIC FINDINGS

Primary findings:

- Bilateral adrenomegaly.
- Nodule right adrenal gland.

Secondary findings:

- Age-related renal changes.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Etiologies for the right adrenal nodule would be an incidental non-functional adenoma, functional adenoma, emerging carcinoma (functional or non-functional) and emerging pheochromocytoma

The appearance of the adrenal glands is consistent with pituitary-dependent Cushing's disease and the current trilostane therapy.

On this ultrasound there is no obvious etiology for the presenting clinical signs.

Further assessment would be FNA cytology of the right adrenal nodule.

Specific therapy would be dependent on an etiological diagnosis.



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IMAGES

Left adrenal



Right adrenal



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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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