



PATIENT

Willow Foltz

PRESENTING CLINICAL SIGNS

Presenting to clinic for polyuria and polydipsia and weight loss. She also seems to have some signs of arthritis. She is otherwise doing ok. Patient is going to have surgery on Friday for potential removal. Current Medications: Gabapentin 300 mg- Give 1 capsule by mouth every 12 hours for pain.; Carprofen 100 mg- Give 1.5 tablets every 24 hours.

SPECIES

Canine

Abnormal PE/Chem/CBC/UA Results: GLU 103 74 - 143 mg/dL SDMA 12.0 - 14 µg/dL CREA 1.3 0.5 - 1.8 mg/dL BUN 14.7 - 27 mg/dL BUN/CREA 11 PHOS 1.9 2.5 - 6.8 mg/dL LOW CA 15.2 7.9 - 12.0 mg/dL HIGH TP 7.0 5.2 - 8.2 g/dL ALB 3.4 2.3 - 4.0 g/dL GLOB 3.6 2.5 - 4.5 g/dL

BREED

German Shorthair Pointer

ALB/GLOB 1.0 ALT 158 10 - 125 U/L HIGH ALKP 71 23 - 212 U/L GGT 11.0 - 11 U/L TBIL 0.4 0.0 - 0.9 mg/dL CHOL 254 110 - 320 mg/dL AMYL 697 500 - 1500 U/L LIPA 1834 200 - 1800 U/L HIGH Ionized Calcium 1.98 Parathyroid Hormone 24.70 (1.1-10.60)

ULTRASONOGRAPHIC EXAMINATION OF THE NECK

SEX

FS

Both thyroids are located as expected lateral to the trachea and dorsomedial to the CCA. A fusiform shape in the long axis, and triangular appearance in short views is recognized. Both present a smooth capsule. Diffuse parenchymal changes are noted showing a very subtle hypoechoic and inhomogeneous texture. Margins to the surrounding tissues especially the tracheal wall and common carotid artery are clearly defined and respected. Size is in expected limits measuring 3.46 x 0.98 cm on the right and 3.92 x 0.45 cm on the left side.

AGE

7 Years, 8 Months

INTERPRETED BY

The parathyroid glands on the left are small and inconspicuous.

Sebastian Jawinski,
German Board
Certified Vet
Specialist in
Diagnostic Imaging

The caudal parathyroid gland on the right appears markedly enlarged presenting a rounded to oval, hypoechoic nodule without relevant perfusion. Maximum diameters measure 0.81 x 0.67 x 0.49 cm.

ULTRASONOGRAPHIC FINDINGS

- Nodule caudal right parathyroid gland
- Subtle and bilateral parenchymal changes of questionable clinical relevance

HOSPITAL NAME

Rivers Edge Pet Medical Center

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

REFERRING VET

Amanda Crook - SDEP
Certified Clinical
Sonographer

Regarding the unilateral appearance, size and shape, hypercalcemia and the elevated parathyroid hormone the right caudal parathyroid gland is highly suspicious for a neoplastic nodule. Common findings are adenomas and adenocarcinomas. Differentiation of hyperplasia from neoplasia is not straight forward with ultrasound but a lesion > 0.4 cm diameter and the unilateral appearance would go along with the latter. Ultrasound guided ablation with alcohol or resection of the nodule are possible next steps. Calcium levels need to be monitored.

INVOICE

48655

DATE

11-29-21



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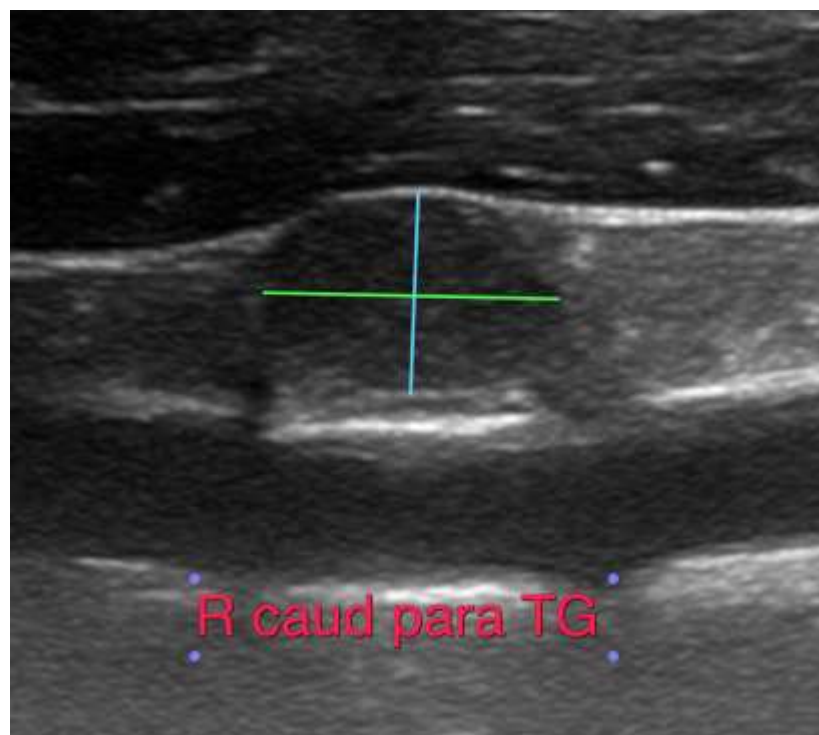
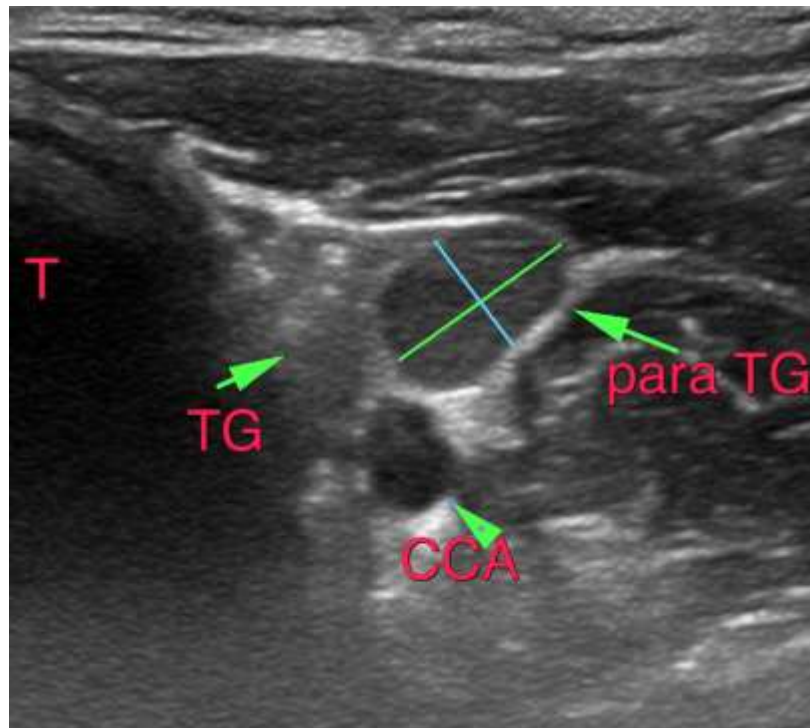
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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

German Shorthair
Pointer

Sebastian Jawinski, German Board Certified Vet Specialist in Diagnostic Imaging
Sebastian.Jawinski@sonopath.com

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