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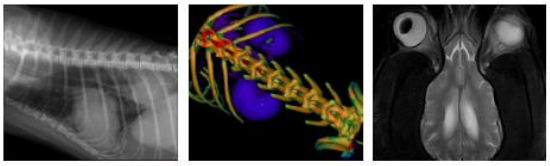

PATIENT

Bailey Osborne

SPECIES

Canine

BREED

Miniature Goldendoodle

SEX

FS

AGE

1 Year, 3 Months

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

HOSPITAL NAME

Animal Health Partners

REFERRING VET

Dr. Lea Mehrkens

INVOICE

50667

DATE

3-2-22

PRESENTING CLINICAL SIGNS

Presented Oct 2021 for neck swelling which was intiailly noticed Sept 2021. At that time a CT was done with contrast. Oct 2021 firm attached mass on cranial neck - biopsy results suggestive of granuloma/potential reaction. Not appearing to be neoplastic per biopsy results. CT revealed bilaterally contrast enhancing thyroid glands. DDX include bilateral thyroid carcinoma or goiter. TSH/T4/T3 done at primary care veterinarian. Cervical explore considered for removal of prominent superficial mass as well as thyroid biopsy. Surgery was initially scheduled for Nov 23 but not done due to Bailey having regained energy, gaining weight, decreased episodes of hard swallowing and lip smacking. The mass had decreased in size as well being on levothyroxine. Recheck recommended in 1-2 months and consider repeat imaging. Came for recheck Mar 2/2022 and repeat CT with contrast. Mass is much smaller in size but still palpable
Abnormal PE/Chem/CBC/UA Results: Oct 27/21: Thyroid Panel Total T4 12.8, Total T3 0.77, cTSH 2.28 March 2/2022 Thyroid Panel: total T3 slightly decreased but all else WNL.

COMPUTED TOMOGRAPHY OF THE NECK

A pre- and post-contrast CT study of the neck in a bone and soft tissue reconstruction are provided for review.

COMPUTED TOMOGRAPHIC FINDINGS

Both thyroid glands are prominent and present a heterogeneous contrast enhancement pattern – significantly decreased in size in comparison to the previous CT study – measuring up to 8 x 6 x 13 mm in size.

The soft tissue mass at the ventral aspect of the basihyoid bone presents a moderately decreased volume – measuring 1.2 x 1.6 x 1.5 cm in size. There is stationary lysis of the basihyoid bone.

The remainder of the osseous and soft tissue structures of the neck are within normal limits.

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Regressive mass ventral aspect of basihyoid bone
- Bilateral thyroid enlargement - regressive

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The CT study presents a significant regressive volume of the thyroid glands with a persistent heterogeneous contrast enhancement pattern. The mass at the ventral aspect of the hyoid apparatus decreased in size as well – still suggestive for ectopic thyroid tissue. Given the regression of the size of the mass and thyroid glands, inflammatory origin – such as immune mediated (granulomatous) thyroiditis. Recommend monitoring the patient on a regular basis.

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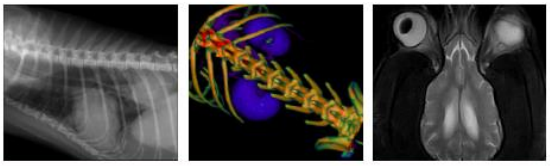

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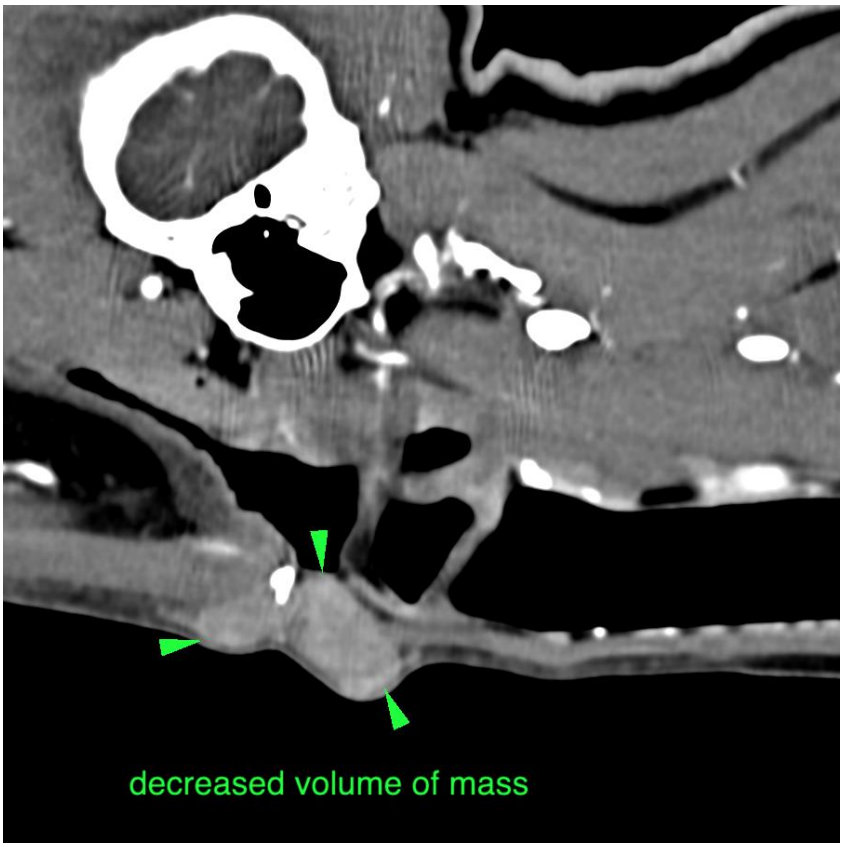

The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

Sebastian Schaub, Sebastian Schaub, DVM, Dr. med. vet. DipECVDI
sebast.schaub@gmail.com