



PATIENT PRESENTING CLINICAL SIGNS

Melanie Lamont History: Melanie presented for mass on thyroid right side
Abnormal PE/Chem/CBC/UA Results:

SPECIES COMPUTED TOMOGRAPHIC STUDY OF THE SKULL/NECK

Canine A high resolution post-contrast CT study of the skull is provided for review.

COMPUTED TOMOGRAPHIC FINDINGS

BREED
Mixed The tooth elements 206 is absent.

The nasal cavity presents the expected aerated spaces between thin and even conchae and turbinates with smooth mucosal lining.

SEX
Spayed Female Both temporomandibular joints present congruent joint spaces with even subchondral bone surfaces and are considered within normal limits.

Both tympanic bullae are aerated, the mucosal lining is not seen, the bony wall is smooth and thin. The external ear canals are within normal limits.

AGE
8 Years The brain presents no deviation from normal anatomy and symmetry. The brain parenchyma is homogeneous and within normal limits for attenuation and distribution of contrast enhancement. The ventricular system is non-dilated and symmetric.

INTERPRETED BY The submandibular and medial retropharyngeal lymph nodes are small and elongated with a normal short-to-long-axis-ratio is < 0.5, the attenuation and contrast enhancement pattern is uniform.

Sebastian Schaub,
DVM Dr. med. vet.
DipECVDI

A small isolated mineralized body is seen at the tip of the odontoid peg of C2, measuring 3 mm in size. Originating from the right thyroid gland, a well-defined, ovoid shaped, heterogeneous moderate contrast enhancing mass measuring 5.0 x 4.3 x 6.9 cm in size is visible. The trachea is displaced to the left and the right common carotid artery laterally and dorsally by the mass effect. Multiple tortuous vessels are seen at the caudal and cranial pole of the right thyroid mass; some presenting central filling defects.

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The left thyroid gland is within normal limits.

REFERRING VET COMPUTED TOMOGRAPHIC DIAGNOSIS

Southgate AH

- Right thyroid mass with evidence of vascular invasion versus tumor-thrombus formation in the veins at the caudal and cranial pole of the mass
- Absent triadan 206

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The findings are consistent with right thyroid carcinoma, there is evidence of invasion of the small vessels in the periphery of the mass. Complete surgical excision of the mass appears feasible.

DATE

9/21/21

Consider full tumor staging.



PATIENT

Melanie Lamont

SPECIES

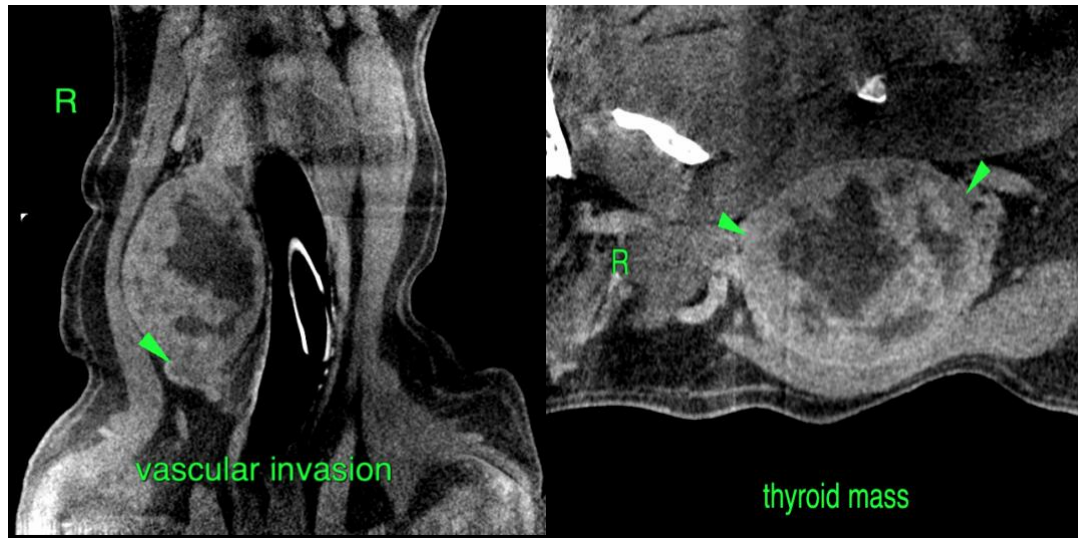
Canine

BREED

Mixed

SEX

Spayed Female



AGE

8 Years

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.

INTERPRETED BY

Sebastian Schaub,
DVM Dr. med. vet.
DipECVDI

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

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