



PATIENT

PRESENTING CLINICAL SIGNS

Anastasia Kahalehoe

Recurrent abscess on neck

SPECIES

COMPUTED TOMOGRAPHIC STUDY OF THE HEAD & NECK

Feline

Pre/post contrast studies provided for review.

BREED

COMPUTED TOMOGRAPHIC FINDINGS

DSH

External ear canals are ventilated in all sections, walls of the external ear canals, tympanic membranes, the adjacent temporomandibular joints and the nasopharyngeal meatus have no particular findings.

SEX

On the left side significant bone lysis is recognized including the petrosal bone and the wall of the bulla. The latter is filled with soft-tissue dense material which shows a diffuse and heterogeneous enhancement after contrast. Cranial vault is involved but meningeal borders are respected.

FS

AGE

Ventral and caudal to the left bullae a large fluid-filled mass is noted measuring 2.1 x 1.3 cm with a strong ring enhancing undulating capsule. Caudal to that at the level of the left larynx and the left thyroid an ovoid soft tissue mass is recognized measuring 1.8 x 1.0 cm. The left salivary glands and the left thyroid are clearly defined, the latter is mildly amorphous and enlarged.

9 Years

INTERPRETED BY

The right bulla presents similar changes but less obvious and without destruction of the borders to the cranial vault.

Sebastian Jawinski,
German Board
Certified Vet
Specialist in
Diagnostic Imaging

COMPUTED TOMOGRAPHIC DIAGNOSIS

HOSPITAL NAME

- Severe lysis of the left petrosal bone and the bulla wall with involvement of the cranial vault, secondary abscess formation ventral and caudal to the bulla and soft tissue mass caudal to the abscess.
- Signs of a moderate otitis media on the right.
- Hyperplasia left thyroid.

Animal Medical
Center of Mt.
Pleasant

REFERRING VET

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Anne Briley, DVM

CT findings on the left side are highly suspicious for a neoplastic process originating from the left tympanic bulla. The extent, contrast enhancement, pattern of lysis and the suspicion of lymphoid metastasis would go along with that. Squamous cell carcinoma is suspected. Abscess formation is present but likely is secondary. Chronic and erosive inflammation due to inflammatory polyps is a potential differential diagnosis but less likely and could be present more on the right. Currently, intracranial inflammation/abscess or mass effect are not recognized. I would recommend FNA/biopsy of the soft tissue mass caudal to the abscess and microbiological testing of the abscess before considering surgery (ventral bulla osteotomy). Invasion of the cranial vault usually has a bad prognosis.

INVOICE

47499

DATE

9-22-21



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The enlarged left thyroid is an incidental finding and could represent hyperplasia or early stage neoplasia.

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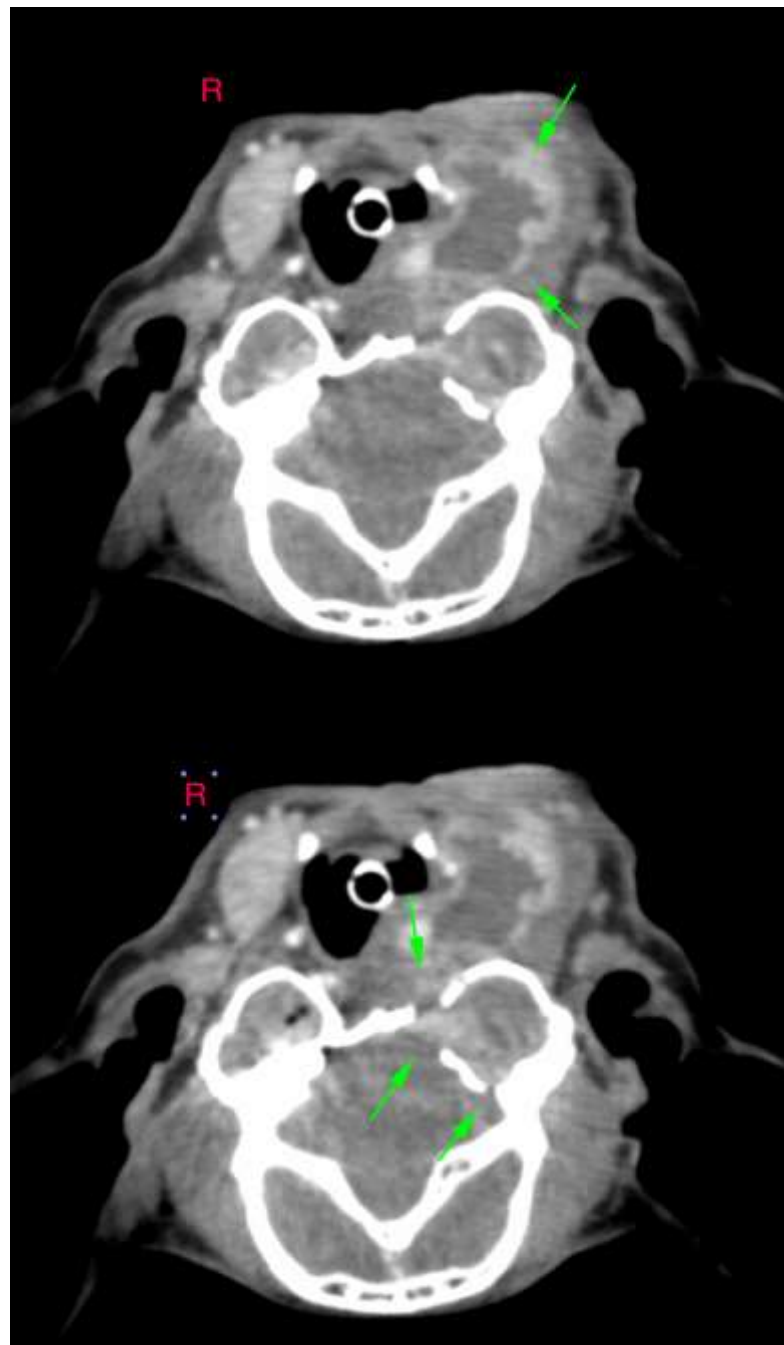
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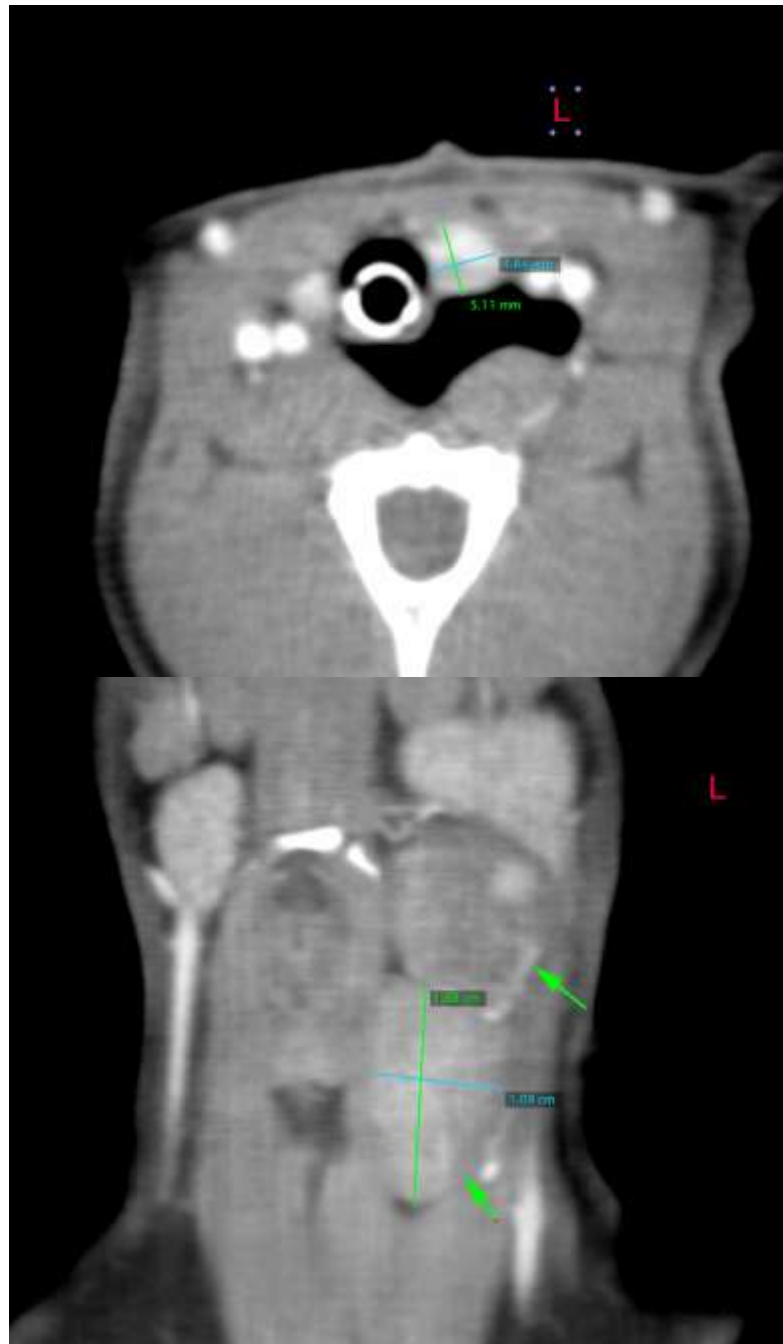
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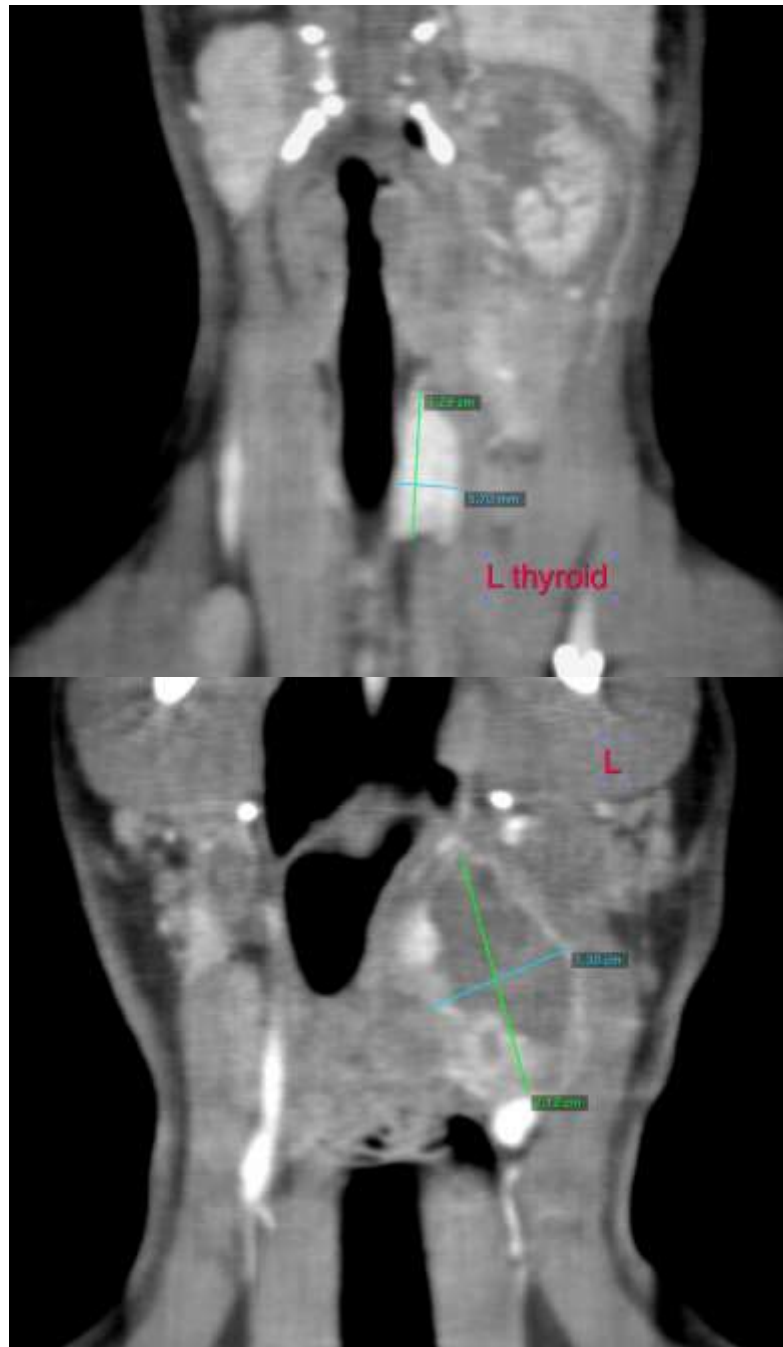
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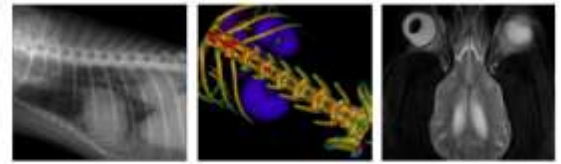
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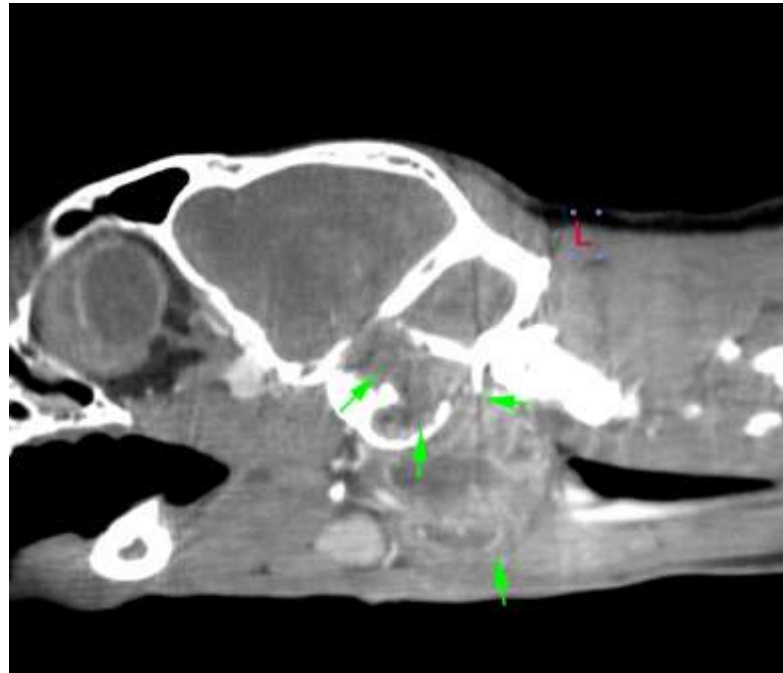
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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

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