



PATIENT PRESENTING CLINICAL SIGNS

Bootsie McNamara Chronic ear infections, ear polyp on left side--evaluate polyp for surgical removal.

SPECIES COMPUTED TOMOGRAPHIC STUDY OF THE HEAD

Feline A pre- and post-contrast computed tomography of the head is provided for review.

BREED COMPUTED TOMOGRAPHIC FINDINGS

DSH The whole horizontal wall and a portion of the vertical wall of the ear canal are bilaterally mildly thickened and minorly irregular. A linear wall mineralized focus is seen at the right side. Bilaterally, the wall measures approximately 0.2cm. No evidence of a polypoid lesion. There is no accumulation of fluid in the middle ear and no evidence of tympanic bullae wall thickening or lysis.

SEX Moderate hypoattenuating fluid accumulation is seen within the caudal aspect of the nasal cavity and extending slightly cranially and predominantly on the right side that is confluent to the nasal turbinates with minor loss of turbinate architecture and asymmetry. The right sphenoid sinus is also filled with a hypoattenuating fluid material. Minor hypoattenuating fluid material is noted in the choana. No evidence of a nasal mass effect.

AGE The pharynx and larynx are normal.

14 The frontal sinuses are mildly asymmetrical, with individual variation.

INTERPRETED BY The cribriform plate is normal.

Tilde Rodrigues Froes, DMV, MSc., Dr. Med Vet., Dipl. CBraRVet The retrobulbar spaces normal.

There is severe diffuse horizontal and vertical bone loss in the maxillary and mandibular alveolar bones with multifocal permeative lysis.

HOSPITAL NAME The triadans 106 and 206 are absent, with minor root retained on the 206.

Advanced Animal Imaging Severe multifocal lytic lesions of the dentine and root resorption in the remaining present teeth is seen. The tooth resorption is more severe at the triadans 108 and 208.

REFERRING VET The temporomandibular joints are congruent and normal.

Michelle Hoffman The brain is normal, with no mass effect.

INVOICE Bilateral enlargement of the medial retropharyngeal lymph nodes with mild heterogeneous enhancement is noted. The right medial retropharyngeal lymph node is measuring 0.48cm thickened. The left medial retropharyngeal lymph node is measuring 0.45cm thickened.

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Mild enlargement of the mandibular lymph nodes is also seen.

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Both thyroid glands are enlarged, rounded in shape, and present heterogenous enhancement. The right measures approximately 5.3cm thickened, and the left measures approximately 4.6cm thickened.

No other abnormalities are identified.

SPECIES

Feline

COMPUTED TOMOGRAPHIC DIAGNOSIS**BREED**

DSH

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- Mild chronic otitis externa, with focal wall mineralization in the right auditory canal.
- No evidence of ear polyp in the left auditory canal or tympanic bulla.
- The tympanic bullae are normally aerated.
- Mild to moderate destructive rhinitis and nasal fluid accumulation, predominantly on the right side.
- Severe periodontal disease and concurrent osteomyelitis. Multifocal caries and tooth resorption, more severe at the triadans 108 and 208. Differential diagnosis is feline tooth resorption disease.
- Bilateral thyroid masses. Differential diagnosis includes thyroid adenomas, thyroid carcinomas, or less likely thyroid carcinosarcoma. Fine-needle aspiration or biopsy is required for diagnosis.
- Retropharyngeal and mandibular lymphadenitis, reactive or metastatic.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The previous diagnosis of polyp on the left side ear canal is not identified, considering a favorable evolution of the lesion.

The differential diagnosis for mild to moderate destructive rhinitis includes viral, lymphocytic plasmocytic, bacterial, or correlated to the dental disease. Infectious fungal disease cannot be ruled out but is less likely.

An oral exam and a full dental/intra-oral radiographic study are suggested for evaluation of the dental disease.

Thyroid hormone evaluation is suggested because the thyroid masses could be functional.

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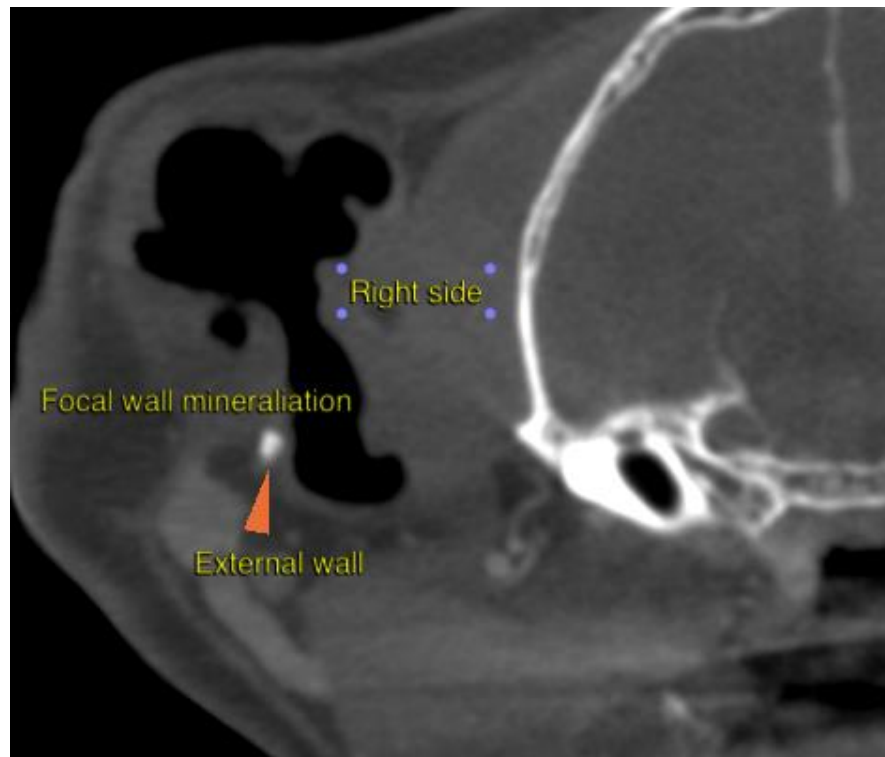
Michelle Hoffman

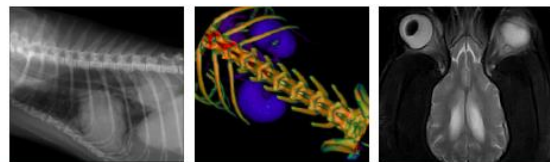
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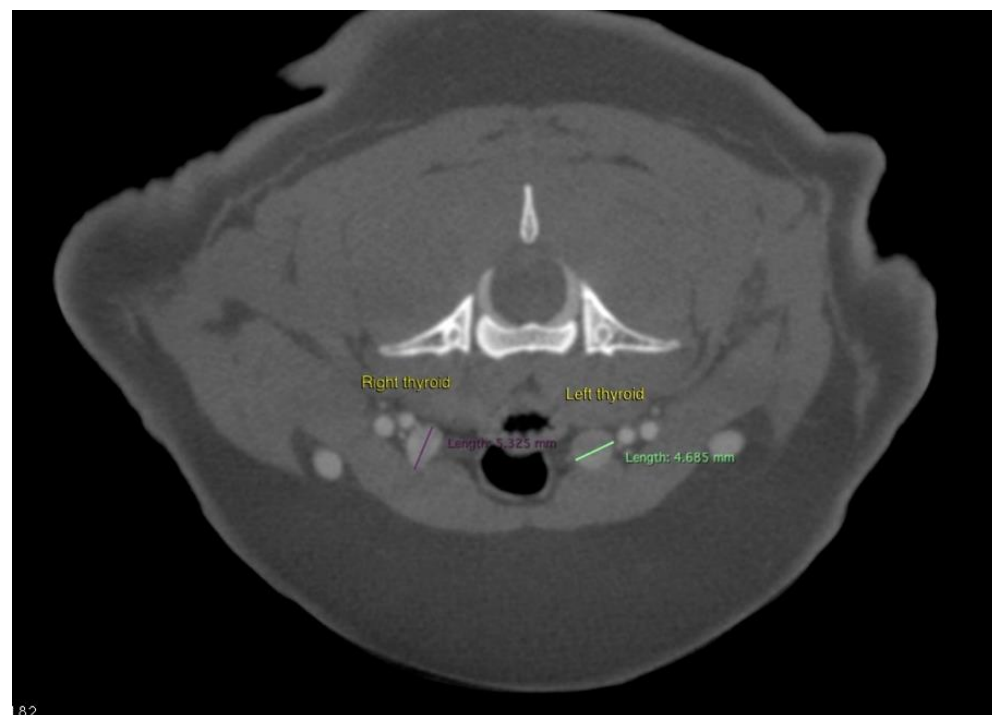
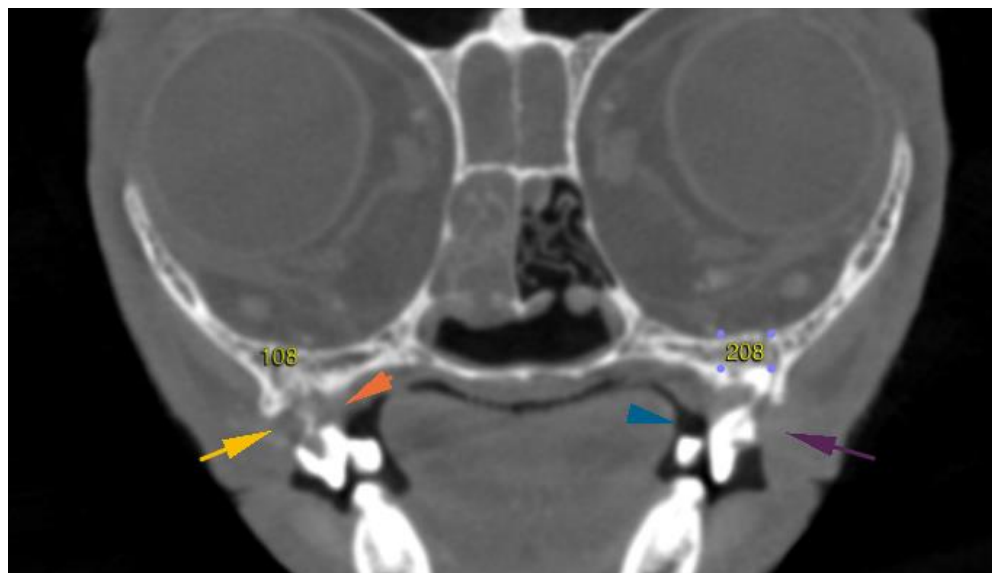
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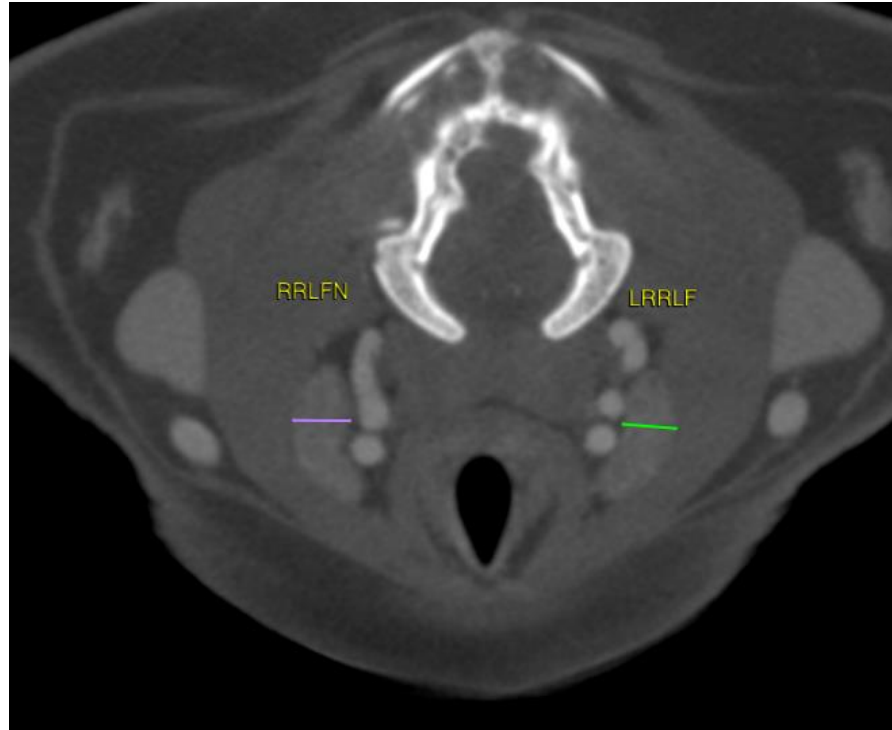
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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