



PATIENT PRESENTING CLINICAL SIGNS

Trixy Loia sneezing and facial swelling

COMPUTED TOMOGRAPHY OF THE SKULL

SPECIES

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

Feline

COMPUTED TOMOGRAPHIC FINDINGS

BREED

Domestic Shorthair

Triadan 104 is absent. Centered on the left maxillary bone, an ill-defined, soft tissue attenuating and heterogeneous contrast enhancing mass is visible – extending over the complete lateral aspect of the left maxillary bone, including the alveolar process and rostral segment of the left zygomatic arch. The left maxillary bone presents permeative osteolytic lesions and immature periosteal new bone formation. The mass is extending into the ventral aspect of the left orbit, mildly displacing the left ocular bulb dorsally and rostrally.

SEX

Female

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

AGE

10 Years

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.

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

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

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.

HOSPITAL NAME

Mobile Pet Imaging

Nodular enlargement of the right thyroid gland is noted, measuring 6 x 4 x 8 mm in size; the contrast enhancement pattern is mildly irregular with a central small filling defect.

COMPUTED TOMOGRAPHIC DIAGNOSIS

REFERRING VET

Kessleru

- Polyostotic aggressive mixed osteolytic and osteoproliferative mass left maxillary & zygomatic bone
- Secondary left sided mild exophthalmos
- Nodular enlargement right thyroid gland
- Absent triadan 104

INVOICE

50817

DATE

3-8-22

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The swelling at the left aspect of the maxillary bone/zygomatic arch is highly concerning for underlying neoplastic disease, such as osteosarcoma, chondrosarcoma, fibrosarcoma, squamous cell carcinoma, other. Theoretically mycotic osteomyelitis is a potential, but the odds are very low. If not done so yet, recommend FNA sampling ± biopsy for further definition. Based on the results of the advanced diagnostic tests, the chances of radiation therapy can be discussed with oncologist.

The prominent right thyroid gland is most consistent with (non)functional hyperplasia or thyroid adenoma formation. Check T4 values.



PATIENT

Trixy Loia

Recommend full tumor staging.

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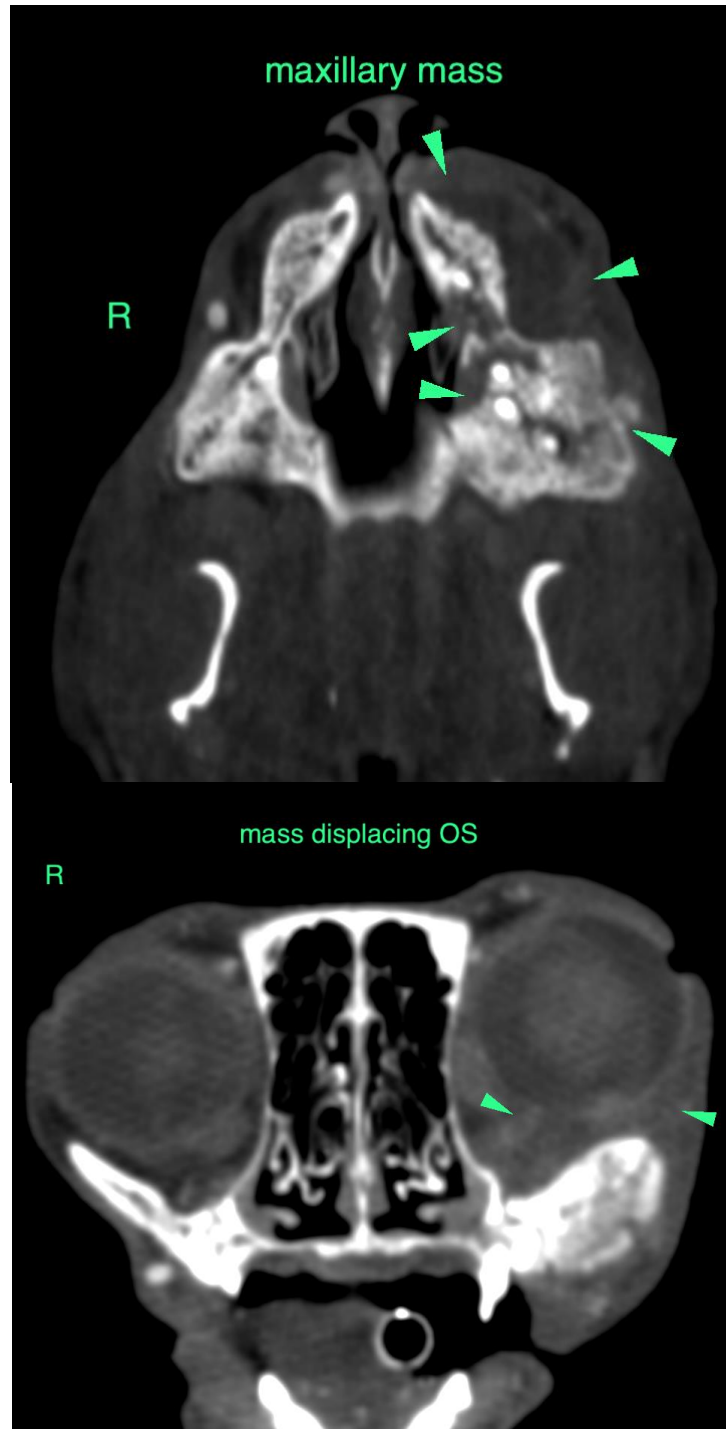
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PATIENT

Trixy Loia

SPECIES

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BREED

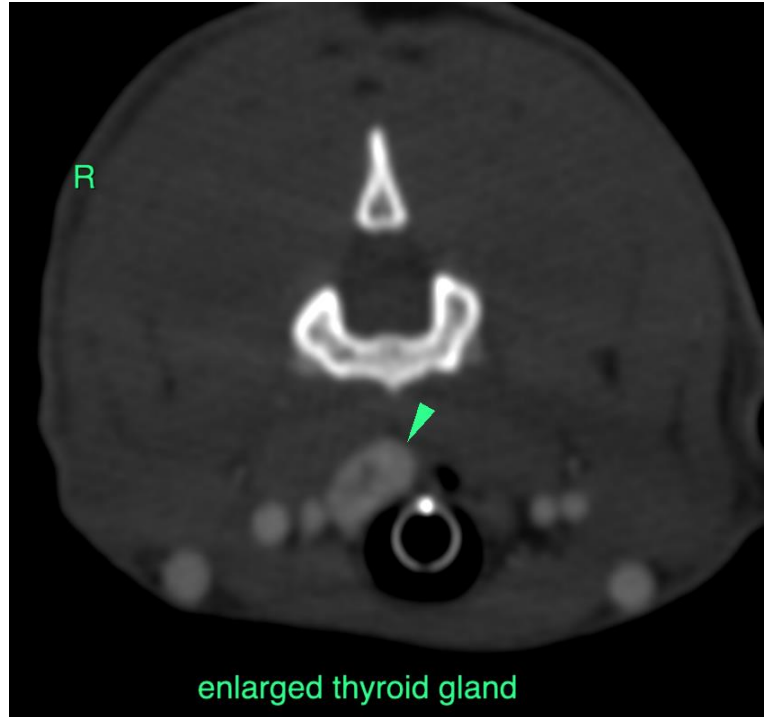
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SEX

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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.

HOSPITAL NAME

Mobile Pet Imaging

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.

REFERRING VET

Kesseru

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