

**PATIENT**

Marty Frances

PRESENTING CLINICAL SIGNS

Firm subcutaneous mass under left jaw. Owner noticed 1 month ago and rapidly getting bigger. Left eye started bulging recently.

SPECIES

Canine

COMPUTED TOMOGRAPHIC STUDY OF THE HEAD

Plain and post contrast studies available for review.

BREED

Lhaso Apso

COMPUTED TOMOGRAPHIC FINDINGS

An ill-defined irregular shaped soft tissue mass is seen ventral to the left external auditory meatus rostral to the left mandibular salivary gland and ventral to the left tympanic bulla. No direct involvement of the parotid and mandibular salivary glands is seen. Extension into the ventral aspect of the left orbita is noted with dorsal deviation of the left eye. The mass measures approximately 3.8 cm in width, 2.4 cm in height, and 3.0 cm in length. Lesion margins are ill-defined. Contrast enhancement is nonuniform. There is a mass effect onto the left external auditory meatus which is mildly deviated dorsally. The mass extends into the left retropharyngeal soft tissues. No evidence of aggressive bone lesions of the left temporomandibular joint, left orbita, and skull is seen. The mass appears to infiltrate part of the left masseter muscle ventral to the left zygomatic arch.

SEX

Neutered Male

AGE

13 Years

The regional submandibular and retropharyngeal lymph nodes present within normal limits.

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Diffuse infiltrative soft tissue mass ventral to the left external auditory meatus with retropharyngeal and masseter extension as well as extension into the ventral aspect of the left orbita.

HOSPITAL NAME

Scottsdale Veterinary
Clinic

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The CT findings suggest presence of infiltrative soft tissue neoplasia within the soft tissues ventral to the left external auditory meatus, left masseter muscle, and with retropharyngeal extension. Soft tissue neoplasia such as sarcoma is considered by far most likely. Regional inflammation with granuloma or abscess can never be ruled out entirely but appears by far less likely. Further definition by means of tissue sampling is strongly recommended if not performed already.

REFERRING VET

Dr Magnussen

INVOICE

56274

DATE

1-19-23



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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.

SPECIES

Canine

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.

BREED

Lhaso Apso

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Senior lecturer University of Giessen, Germany, Veterinary Faculty, Department of Radiology
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