



PATIENT

Nala Satnz

PRESENTING CLINICAL SIGNS

Swollen OD suspect eyelid mass vs other, unable to open eye lids much despite anesthesia.

SPECIES

Canine

COMPUTED TOMOGRAPHIC STUDY OF THE HEAD

Plain and post contrast studies available for review.

BREED

Dachshund Mix

COMPUTED TOMOGRAPHIC FINDINGS

The brain presents no deviation from normal anatomy and symmetry. The grey and white matter distinction and the neuroparenchymal attenuation are as expected. The distribution of contrast enhancement is within normal limits throughout the parenchyma and meninges. The ventricular system is non-dilated and within the limits of the expected volume and symmetry.

SEX

Female Spayed

Thin and smoothly folded conchae and turbinates with even smooth mucosal lining.

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

AGE

12 Years

A 4.0 x 3.0 x 2.0 cm sized fat attenuating mass with multiple septations is seen in the position of the right upper eye lid. The mass is crescent shaped and presents intraorbital extension with ill-defined margins rostral and caudal of the right eye. The right eye appears to be deviated ventrally and rostrally. Mild erosion of the bone surface of the right frontal bone is seen level with the mass.

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

A mild amount of hypoattenuating material is present within the medial aspect of both external auditory meatuses. The epithelial lining of the external auditory meatuses present moderate thickening with mildly increased contrast enhancement. Both tympanic bullae are aerated, the mucosal lining is not seen, the bony wall is smooth and thin.

HOSPITAL NAME

Mobile Pet Imaging

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.

REFERRING VET

Meaux

The salivary glands present within normal limits.

There is multifocal periodontal disease of the molar teeth in all quadrants accentuating the triadans 109 and 209.

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COMPUTED TOMOGRAPHIC DIAGNOSIS

- Lipomatous eye lid mass with orbital extension and ill-defined margins.
- Deviation and compression of the right eye.
- Periodontal disease accentuating the triadans 109 and 209.
- Bilateral otitis externa.

DATE

1-7-22

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The CT study reveals a fatty mass in the right eye lid with orbital extension and ill-defined margins as well as early bone erosion of the right frontal bone. The findings are suggestive for



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infiltrative lipoma; however, uncomplicated lipoma and liposarcoma cannot be ruled out entirely as differential diagnoses. Complete resection of the mass sparing the right eye may not be possible since the mass extends into the orbita rostral, dorsal, and caudal of the globe and presents ill-defined delineation to the retrobulbar fat tissue.

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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.

SPECIES

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