



PATIENT

Fred Arman

PRESENTING CLINICAL SIGNS

Under ophthalmologist care for the past couple of months due to swelling of the left eye. Diagnosis: Severe conjunctivitis OS - rule out healing laceration vs foreign body (none apparent) vs neoplasia Biopsies taken 1/18/2022: results- inflammatory

SPECIES

Canine

Abnormal PE/Chem/CBC/UA Results: Slight elevation of 3rd eyelid OS Owner reports the swelling is much better since biopsies. Most recent ophtho report attached.

BREED

Golden Retriever

COMPUTED TOMOGRAPHIC STUDY OF THE HEAD & THORAX

Plain and post contrast studies of the head and post contrast study of the thorax available for review.

SEX

Male Neutered

COMPUTED TOMOGRAPHIC FINDINGS

Head

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.

AGE

7 Years

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

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

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

Both tympanic bullae are aerated, the mucosal lining is not seen, the bony wall is smooth and thin. The external auditory meatuses present within normal limits.

HOSPITAL NAME

Mobile Pet Imaging

No discreet mass is identified within the left orbita. The eye presents no evidence of structural abnormality. No evidence of foreign material is seen. However, there is moderate soft tissue swelling circumferential to the left eye with increased contrast enhancement and ill-defined margins. The retrobulbar fat close to the eye appears slightly increased in attenuation. No structural abnormality of the extraocular muscles, zygomatic gland, and optic nerve are seen.

REFERRING VET

Meaux

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.

The salivary glands present within normal limits.

INVOICE

50004

The visible dentition is within normal limits.

Thorax

DATE

2-1-22

The bony and surrounding soft tissue structures are within normal limits.

The sternal, cranial mediastinal and tracheobronchial lymph nodes are small elongated with a normal short-to-long-axis-ratio is < 0.5, the attenuation and contrast enhancement pattern are uniform and considered within normal limits.



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The cardiovascular structures including the pulmonary vasculature are within normal limits.

The bronchial tree presents with regular branching and tapers uniformly towards the periphery as expected, the bronchial walls are thin and smooth. The bronchus-to-artery ratio is within normal limits.

SPECIES

Canine

The lung parenchyma presents the expected architecture and attenuation behavior.

Small incidental gas pockets are seen within the esophageal lumen, there is no evidence of abnormal dilation.

BREED

Golden Retriever

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Diffuse periocular soft tissue swelling with increased enhancement in the left orbita.

SEX

Male Neutered

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The CT study reveals unspecific diffuse soft tissue swelling with increased perfusion circumferential to the left eye. Differential diagnosis includes severe conjunctivitis, idiopathic sclerosing orbital inflammation, and less likely spindle cell, or round cell neoplasia. Correlation with the results of the ophthalmologic examination is required. Tissue sampling and histologic examination should be considered if not performed already.

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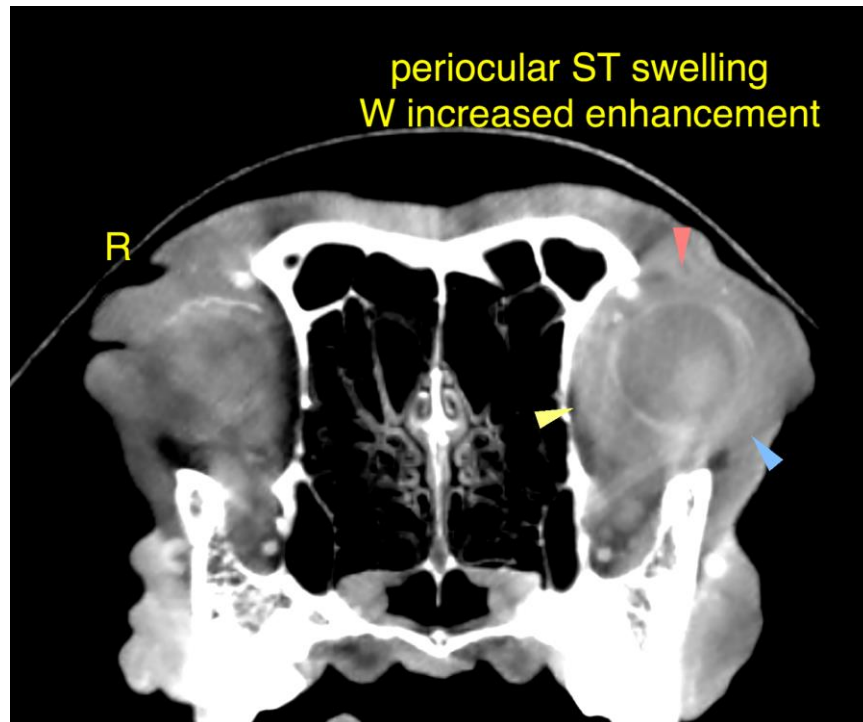
Meaux

INVOICE

50004

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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

Golden Retriever

Nele Eley, DVM, Dr. med. vet., DipECVDI
European Specialist in Veterinary Diagnostic Imaging, Cert. Radiology,
Senior lecturer University of Giessen, Germany, Veterinary Faculty, Department of Radiology
Nele.Eley@sonopath.com

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