



PATIENT PRESENTING CLINICAL SIGNS

Lily Kout History: Under ophthalmologist care. Diagnosis: blind OU - suspected central/retrobulbar etiology, incipient cataract OU, lid mass OD

SPECIES COMPUTED TOMOGRAPHIC STUDY OF THE SKULL & THORAX

Canine A high resolution pre- and post-contrast CT study of the skull and abdomen and a post-contrast CT study of the thorax are provided for review.

BREED COMPUTED TOMOGRAPHIC FINDINGS

Beagle Mix **Skull**

SEX Triadan 105, 205, 310, 410 and 411 are absent.

Spayed Female The nasal cavity presents the expected aerated spaces between thin & even conchae and turbinates with smooth mucosal lining.

AGE The retrobulbar space bilaterally presents the expected anatomy. The optic nerve is seen in the retrobulbar space bilaterally, presenting the expected width and course, unremarkable.

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

INTERPRETED BY Sebastian Schaub, DVM
Dr. med. vet. DipECVDI 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.

HOSPITAL NAME Mobile Pet Imaging 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. Level with the region of the optic chiasm, there is the impression of mass effect caused by a nodular non-contrast enhancing lesion measuring 6 mm in size.

REFERRING VET Dr. Meaux **Thorax** 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.

INVOICE 17723 The bony and surrounding soft tissue structures are within normal limits.

DATE 10/13/22 The cardiovascular structures including the pulmonary vasculature are within normal limits.



PATIENT

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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. Mild punctuate mineralization of the lung parenchyma is appreciated.

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

BREED

Beagle Mix

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Possible intracranial extraaxial mass level with the optic chiasm
- Absent triadan 105, 205, 310, 410 and 411
- Normal retrobulbar space
- Normal thorax, but pulmonary osteomas

SEX

Spayed Female

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

AGE

12 Years

The findings of the CT study are not completely specific, there appears to be a mass in the region of the optic chiasm as potential source for the presenting clinical signs. Unfortunately, there is no contrast enhancement but the distortion of the vascular structures on the floor of the cranial fossa at the same level. Potentials can include neoplasia (e.g. meningioma, lymphosarcoma), granuloma, cyst or meningoencephalitis of unknown origin (e.g. GME). A MRI study can be used to confirm the diagnosis.

INTERPRETED BY

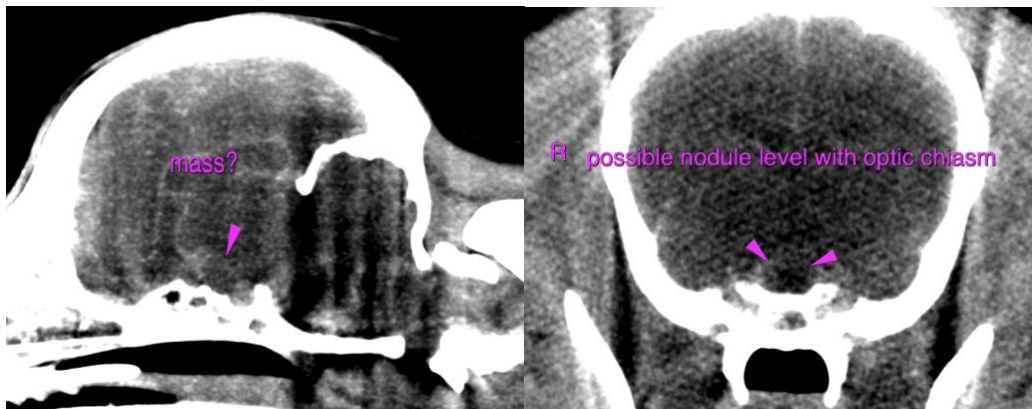
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HOSPITAL NAME

Mobile Pet Imaging

REFERRING VET

Dr. Meaux

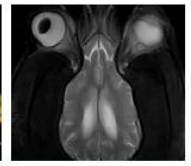


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Canine

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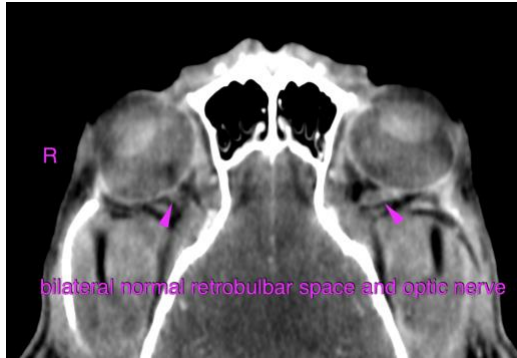
Beagle Mix

SEX

Spayed Female

AGE

12 Years



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.

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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