

**PATIENT PRESENTING CLINICAL SIGNS**

Alfie Mayzner History: Acute onset of sneezing. Blind OS, Hx of glaucoma OU, posterior lens luxation OU, cataracts, had surgery OU, under care of Dr. Buss (last seen Nov 2021). Severe gingival hyperplasia, had dental with gingival resection in the past along with some extractions.

**SPECIES** Abnormal PE/Chem/CBC/UA Results: No sneezing noted prior to CT

Canine **COMPUTED TOMOGRAPHIC STUDY OF THE SKULL & THORAX**

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

Sealyham Terrier **COMPUTED TOMOGRAPHIC FINDINGS**

**SEX** Skull

Neutered Male The tooth elements 105, 311 and 411 are absent.

The left ocular bulb presents a moderately decreased volume in comparison to the contralateral side. A mineral opaque lentiform body is seen within the vitreous chamber of the left ocular bulb.

**AGE**

12 Years The nasal cavity presents the expected aerated spaces between thin & even conchae and turbinates with smooth mucosal lining. Mild mineralization of the cartilaginous structures of the larynx is seen – age related finding.

**INTERPRETED BY**

Sebastian Schaub, DVM  
Dr. med. vet. DipECVDI

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

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The left tympanic bulla contains a moderate amount of non-contrast enhancing soft tissue material, the osseous lining of the left tympanic bulla is smooth and thin. No abnormalities of the right middle ear are appreciated. The external ear canals are within normal limits.

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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.

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.

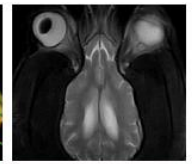
**INVOICE** Thorax

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The vertebral endplates T12/T13 present moderate spondylosis formation. Multiple intervertebral discs of the thoracic spine present mild central mineralization.

**DATE**

4/28/22

**PATIENT**

Alfie Mayzner

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 is uniform and considered within normal limits.

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

**SPECIES**

Canine

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.

The lung parenchyma presents the expected architecture and attenuation behavior.

**BREED**

Sealyham Terrier

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

**SEX**

Neutered Male

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

- History of left sided glaucoma and posterior lens luxation with secondary cataract
- Left sided otitis media
- Absent triadan 105, 311 and 411
- Multifocal chondroid disc degeneration thoracic spine
- Normal upper airways
- Normal lower airways

**AGE**

12 Years

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS****INTERPRETED BY**Sebastian Schaub, DVM  
Dr. med. vet. DipECVDI

The CT study presents no macromorphological abnormality, explaining the acute onset of sneezing, rule out allergic reaction versus non-specific rhinitis. In the current CT study, there are no signs for inhaled foreign material.

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The clinical relevance of the left sided otitis media is unclear, due to the lack of clinical signs.

**REFERRING VET**

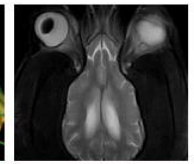
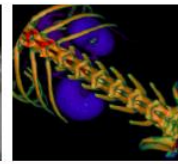
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**SPECIES**

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**SEX**

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**AGE**

12 Years

**INTERPRETED BY**

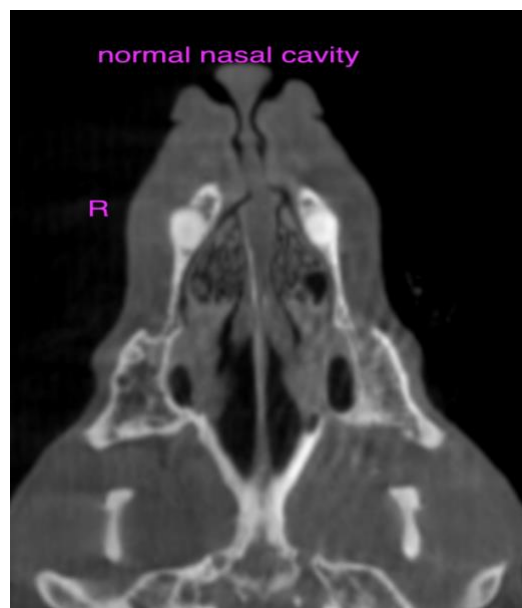
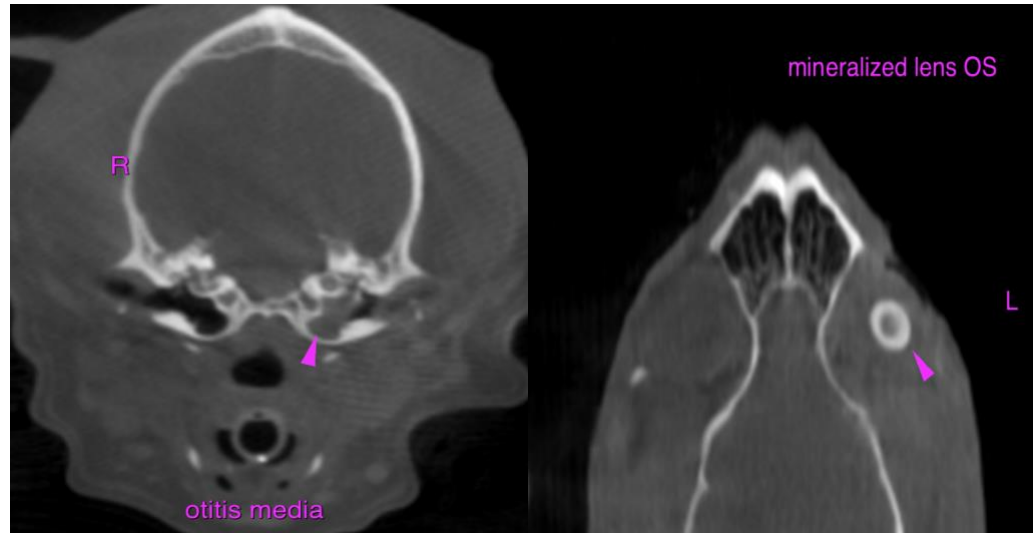
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**The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.**

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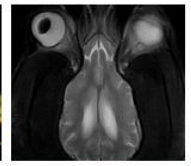
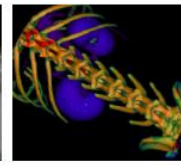
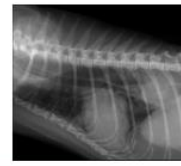
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Thank you for this referral. If the clinical or image interpretation does not parallel your findings or if I can be of any further assistance please contact me.

**DATE**

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**Sebastian Schaub**, Sebastian Schaub, DVM, Dr. med. vet. DipECVDI  
sebast.schaub@gmail.com



**PATIENT**

Alfie Mayzner

**SPECIES**

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**BREED**

Sealyham Terrier

**SEX**

Neutered Male

**AGE**

12 Years

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