



**PATIENT PRESENTING CLINICAL SIGNS**

Molly Wilde L eye sore + globe protruding more than RHS. Tonometer reading taken 17th Feb both wnl. Both eyes sl cloudy on exam poss some nuclear sclerosis but concern re poss some other cause mild cloudiness. but L eye does also look more prominent

**SPECIES** Abnormal PE/Chem/CBC/UA Results: PABs taken today Urea 15.2mmol/L ALB 40g/L ALKP 333U/L

Canine

**COMPUTED TOMOGRAPHIC STUDY OF THE HEAD**

**BREED** Plain study available for review.

**COMPUTED TOMOGRAPHIC FINDINGS**

Shih Tzu

**SEX**

Neut Female

The patient has a brachycephalic head conformation with shallow orbitae and prone positions of the ocular globes. The anteroposterior diameter of the left eye is 22mm and of the right eye is 21mm. The ocular and orbital structures present within normal limits. The extraocular muscles and optic nerves as well as the pterygoid muscle presents within normal limits. The orbital fat has the expected attenuation.

**AGE**

14 Years, 6 Months

Mild enlargement of the left zygomatic salivary gland is seen rostrally and nasally within the left orbita.

The mesial palatinal root of the triadan 208 shows a root fracture. No evidence of periapical bone lysis is seen.

**INTERPRETED BY**

Nele Eley, DVM  
Dr. med. Vet. DipECVDI

Two 5mm and two millimeter sized subcutaneous soft tissue nodules are seen caudal to the left eye.

Pinpoint mineralizations of the mandibular salivary glands are present bilaterally.

**HOSPITAL NAME**

Myerscough  
Veterinary Group

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

- Slight increase of the anteroposterior global length of the left eye.
- No evidence of retrobulbar mass effects.
- Subcutaneous nodules caudal to the left eye.
- Root fracture of the triadan 208.
- Salivary gland mineralizations - differential diagnosis: dystrophic mineralizations versus small sialoliths.

**REFERRING VET**

Julie Bettess

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

**INVOICE**

56895

The CT study does not reveal evidence of a retrobulbar or retromolar mass effect. The general anatomy of the eyes and orbitae present within normal limits. The anteroposterior length of the left globe is slightly larger than the right one with 22mm versus 21mm. Intraocular disease as well as optic nerve neuropathy cannot be ruled out entirely. There appears to be no association between the fracture of the triadan 208 and the enlargement or exophthalmic position of the left eye.

**DATE**

2-22-23

Fine needle aspiration of the subcutaneous nodules could be considered to rule out neoplasia such as mast cell tumor or other.



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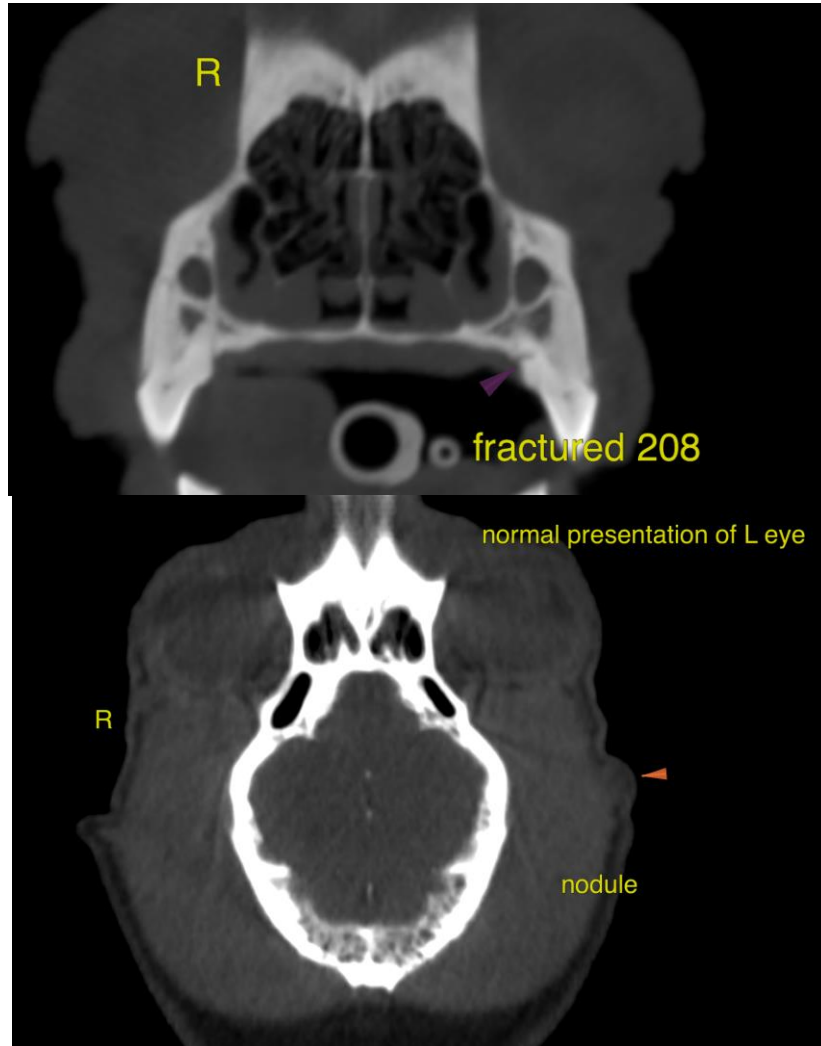
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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