



**PATIENT PRESENTING CLINICAL SIGNS**

Jazz Wheeler Pet presented for continued signs of bark being different and hacking occasionally. This patient had Fluoroscopy Study performed by MPI CFL January 19, 2022 for same clinical signs.

**SPECIES COMPUTED TOMOGRAPHIC FINDINGS**

Canine **Head**

**BREED** 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.

Sheltie

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

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

MN

**AGE** A 6mm x 4mm sized polygonal shaped structure with well delineated margins is seen in the medial aspect of the horizontal part of the right external auditory meatus. The remainder of the auditory meatus and right tympanic bulla present within normal limits. No enhancement can be appreciated on the post-contrast study.

10 Years

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.

**INTERPRETED BY**

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The salivary glands present within normal limits.

The visible dentition is within normal limits.

**Thorax**

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

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The sternal, cranial mediastinal and tracheobronchial lymph nodes are small elongated with a normal short-to-long-axis-ratio.

**REFERRING VET**

Borecky

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.

**INVOICE**

51096

The lung parenchyma presents the expected architecture and attenuation behavior. Occasional small age related incidental pulmonary osteomas are seen.

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

**DATE**

3-22-22

There is a moderate amount of mineral attenuating material within the gallbladder.



**PATIENT COMPUTED TOMOGRAPHIC DIAGNOSIS**

- Jazz Wheeler
- Suspect small soft tissue mass within the medial aspect of the right horizontal external auditory meatus.
  - Structurally normal upper and lower airways.
- SPECIES**
- Biliary microlithiasis.

Canine **INTERPRETATION OF FINDINGS & FURTHER RECOMMENDATIONS**

**BREED**

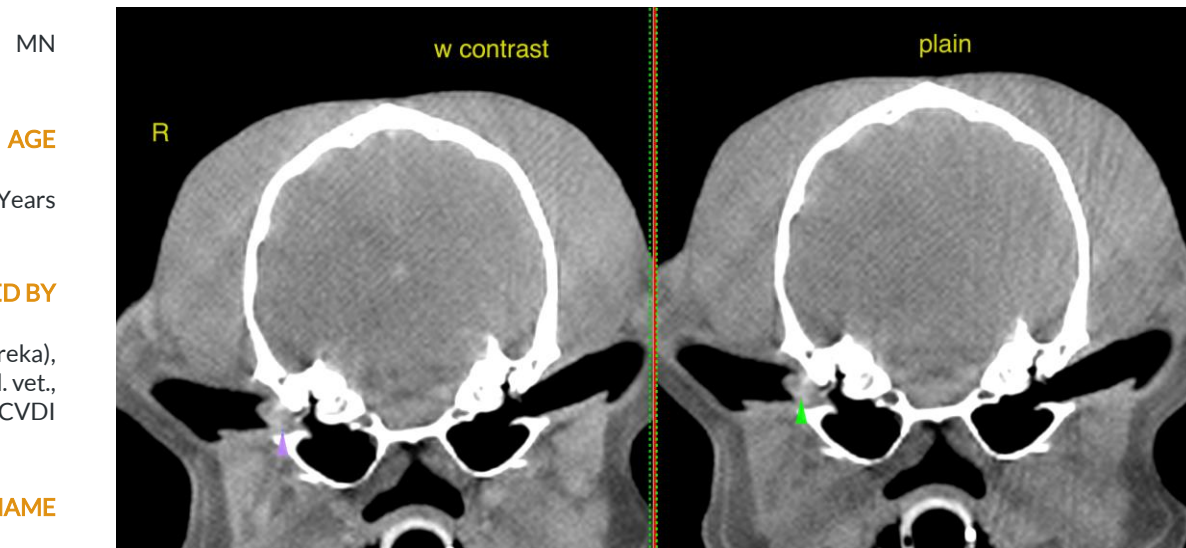
Sheltie

No clear enhancement can be appreciated within the structure within the medial aspect of the right external auditory meatus, yet the shape suggests potential for a soft tissue mass such as polyp or early neoplasia. This representing debris/cerumen or small hematoma cannot be ruled out entirely as a differential diagnosis. Ooscopic workup with sampling or excisional biopsy is recommended.

**SEX**

MN

The CT presentation of the upper and lower airways was within normal limits. There was no evidence of a mass effect throughout the larynx, trachea, or lower airways.



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Borecky

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.

**INVOICE**

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**DATE**

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