



**PATIENT PRESENTING CLINICAL SIGNS**

Anubis Woodhave History: Pet presented for lump on the jaw.

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

**SPECIES**

Feline 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.

**BREED**

Siamese Mix

**COMPUTED TOMOGRAPHIC FINDINGS**

**Skull**

Multiple teeth are absent.

**SEX**

Spayed Female

Mild destruction of the right nasal conchal structures is appreciated. In the subcutaneous tissue at the ventral aspect of the ramus of the right mandible, a peripheral contrast enhancing, ill-defined swelling is seen, measuring 5x 5 x 8 mm.

**AGE**

10 Years

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

The rostromedial compartment of the left tympanic bulla is partially filled with gravity dependent, fluid attenuating material.

**INTERPRETED BY**

Sebastian Schaub, DVM  
Dr. med. vet. DipECVDI

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.

**HOSPITAL NAME**

Mobile Pet Imaging  
CFL

The right mandibular lymph nodes are moderately enlarged, rounded and post contrast hypoattenuating with a mild peripheral contrast enhancement pattern.

Multifocal spondylosis formation is appreciated along the cervical spine and the respective intervertebral disc spaces are collapsed.

**REFERRING VET**

**Thorax**

Xavier Meaux

Multifocal spondylosis formation is seen along the thoracic spine.

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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.

**DATE**

7/28/23



**PATIENT**

Anubis Woodhave

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.

Multiple subpleural plaques are appreciated throughout the lung parenchyma as well as small (<3mm) soft tissue attenuating nodules.

**SPECIES**

Feline

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

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

**BREED**

Siamese Mix

- Soft tissue swelling region of the right molar salivary gland
- Lymphadenopathy right mandibular lymph nodes
- Multiple 'Ditzels' and subpleural plaques throughout the lung parenchyma
- Mild destructive rhinitis
- Left sided otitis media
- Multiple absent teeth
- Multifocal chronic discopathy along the cervical spine

**SEX**

Spayed Female

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

**AGE**

10 Years

The soft tissue mass at the right rostroventral aspect of the ramus of the right mandible is located in the region of the molar salivary gland and in combination with the enlarged tributary lymph nodes is highly suggestive for neoplastic transformation – such as carcinoma or round cell tumor. Recommend FNA sampling of the soft tissue swelling at the mandible and the mandibular lymph nodes.

**INTERPRETED BY**

Sebastian Schaub, DVM  
Dr. med. vet. DipECVDI

The appreciated Ditzels are nonspecific small soft tissue nodules with unknow dignity, they can present fibrosis, granuloma, mucous impaction, pneumonia or metastatic disease. A follow up CT scan in 4-6 weeks could be used to check if the lesions are increasing in size.

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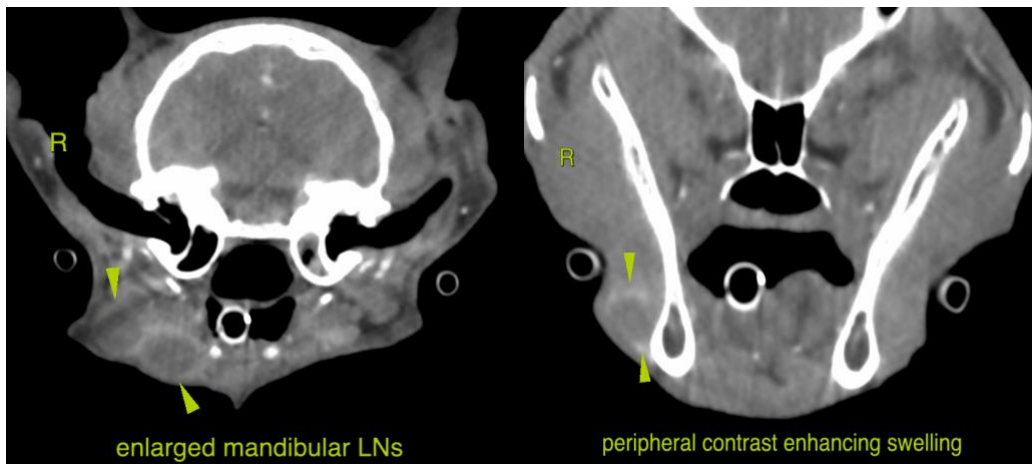
Xavier Meaux

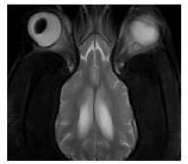
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**PATIENT**

Anubis Woodhave

**SPECIES**

Feline

**BREED**

Siamese Mix

**SEX**

Spayed Female

**AGE**

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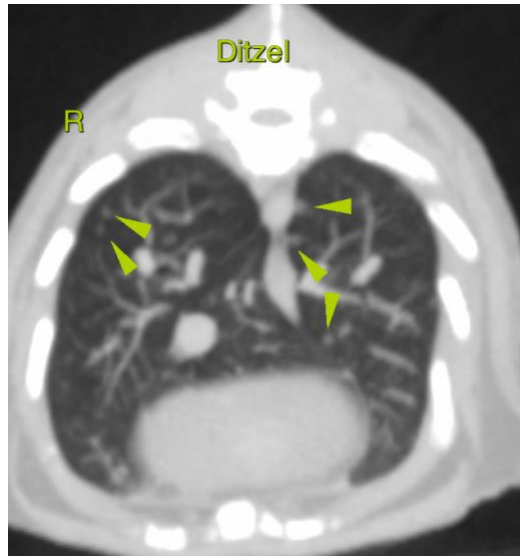
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**The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.**

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.

**Sebastian Schaub**, Sebastian Schaub, DVM, Dr. med. vet. DipECVDI  
info@sonopath.com