

**PATIENT PRESENTING CLINICAL SIGNS**

Bentley Kapp Patient currently being treated for Squamous Cell Carcinoma.

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

**SPECIES**  
Canine Post-treatment plain and post contrast studies of the head, of unknown treatment, and post contrast study of the thorax available for review.

**COMPUTED TOMOGRAPHIC FINDINGS**

**BREED**  
**Head**

Labrador Retriever Patient has a history of squamous cell carcinoma of the nasal planum.

**SEX**  
MN Generalized, irregular, and ill-defined soft tissue swelling of the nasal planum is seen with ill-defined superficial areas of increased contrast enhancement. See images below. The altered areas of the soft tissue cannot be delineated from the surrounding presumably healthier/unaffected tissue because of their long and indistinct transition zone.

**AGE**  
5 Years The medial retropharyngeal and submandibular lymph nodes present bilaterally symmetric mild enlargement with maintained short-to-long-axis-ratios and maintained contrast enhancement patterns.

**Thorax**

**INTERPRETED BY** T4/5 and T5/6 spondylosis deformans is seen.

Nele Eley (Ondreka), DVM Dr. med. vet., DipECVDI 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 are uniform and considered within normal limits.

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

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Mobile Pet Imaging CFL 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.

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

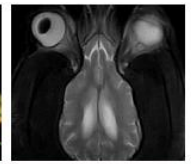
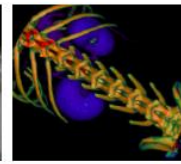
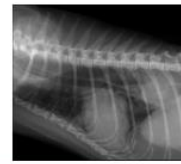
Borecky

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

- INVOICE**
- History of treatment of a squamous cell carcinoma of the nasal planum.
  - Irregular and ill-defined soft tissue thickening of the nasal planum.
  - Bilaterally symmetric mild medial retropharyngeal and submandibular lymphadenomegaly.
  - Spondyloses.

**DATE**

8-29-22



**PATIENT INTERPRETATION OF FINDINGS & FURTHER RECOMMENDATIONS**

**Bentley Kapp** The thickened and ill-defined soft tissue of the nasal planum may represent granulation tissue, scar tissue, residual tumor tissue, or regrowing tumor tissue. The changes need to be cross referenced with the current clinical findings and immediate post-treatment situation.

**SPECIES**  
**Canine** The regional lymphadenomegaly is more likely to represent reactive hyperplasia than metastatic disease. Fine needle aspiration of the lymph nodes could be performed for a more accurate and complete answer.

**BREED**

Labrador Retriever

**SEX**

MN

**AGE**

5 Years

**INTERPRETED BY**

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**HOSPITAL NAME**

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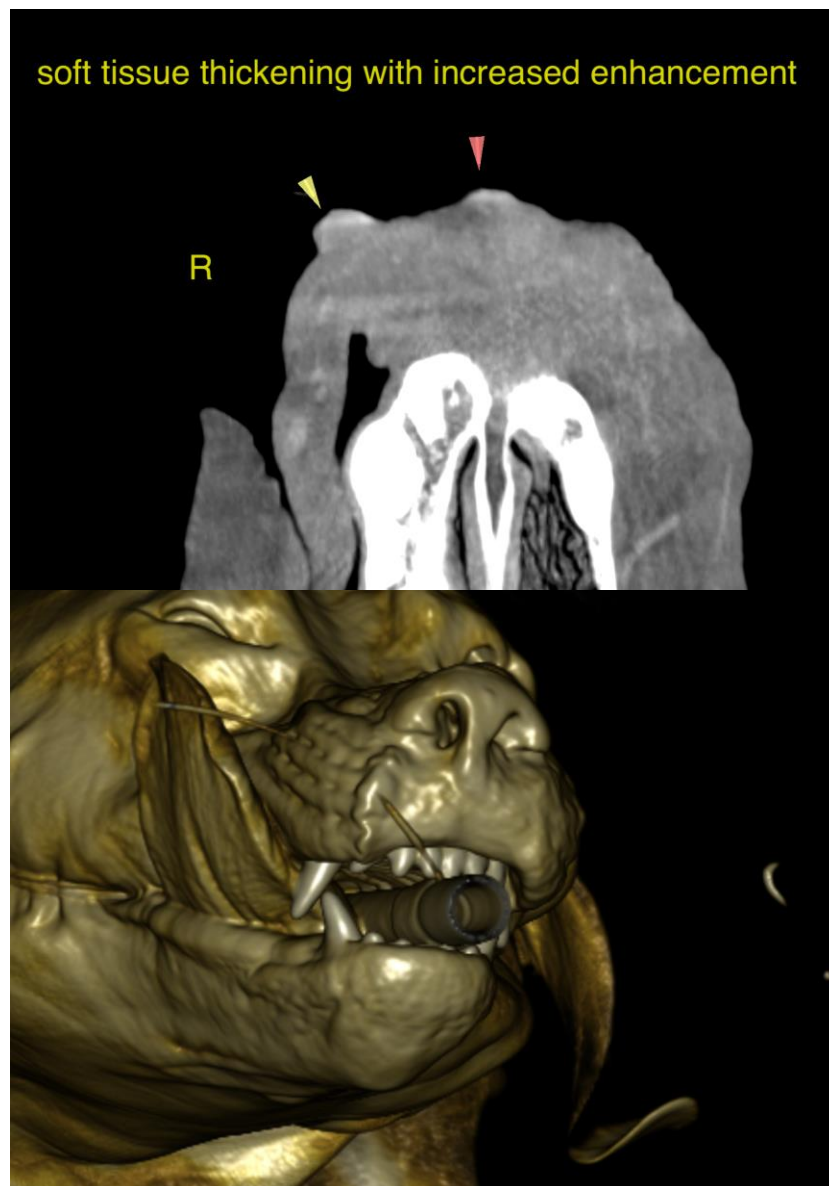
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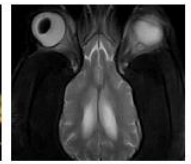
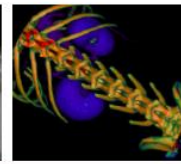
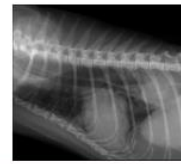
**INVOICE**

53801

**DATE**

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**PATIENT**

Bentley Kapp

**SPECIES**

Canine

**BREED**

Labrador Retriever

**SEX**

MN

**AGE**

5 Years

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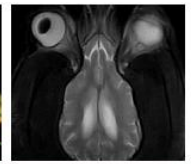
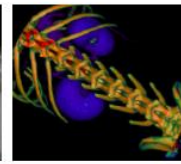
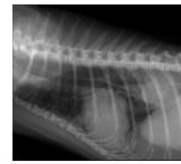
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**PATIENT**

Bentley Kapp

**SPECIES**

Canine

**BREED**

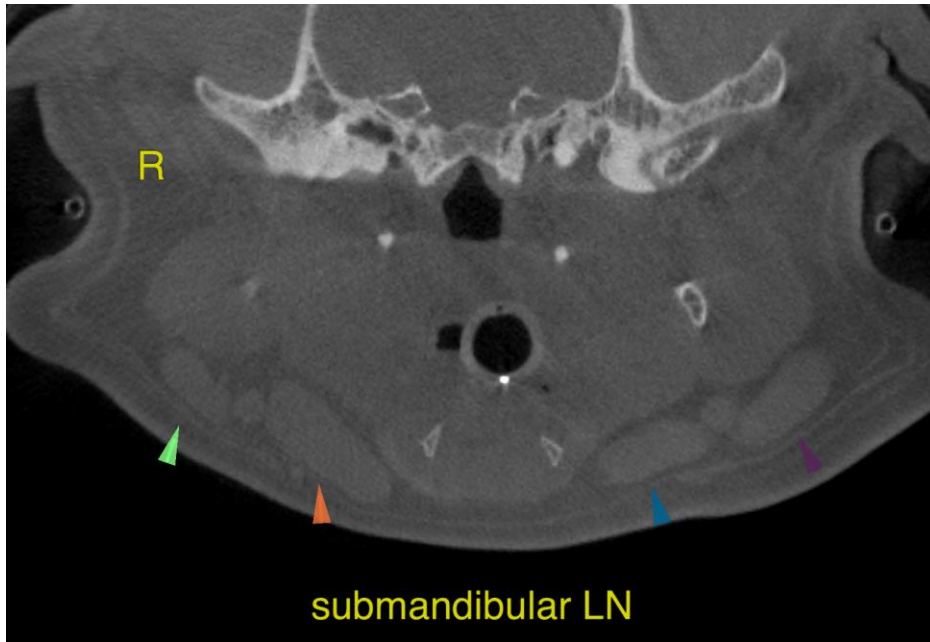
Labrador Retriever

**SEX**

MN

**AGE**

5 Years



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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.

**HOSPITAL NAME**

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