



PATIENT

Luna Roberts

PRESENTING CLINICAL SIGNS

P presented yesterday 2/22 for a dental cleaning. Observed potentially a tumor growing on the lower left mandible between 304 and 305 in CT and during an oral exam. A biopsied portion of the jaw was submitted to the lab. Scanned P's chest to check for metastasis.

SPECIES

Canine

COMPUTED TOMOGRAPHIC STUDY OF THE HEAD & THORAX

Plain and post contrast studies of the head and post-contrast study of the thorax available for review.

BREED

Maltese Mix

COMPUTED TOMOGRAPHIC FINDINGS

Head

Moderate bilateral lateral ventriculomegaly of the brain is seen as well as a small supracollicular fluid accumulation.

SEX

Female Spayed

A soft tissue attenuating irregular shaped and ill-defined mass is seen in the left mandibular body covering the alveolar margin from the triadan 306 up to the triadan 308. Total length of the mass is approximately 1.8 cm, width is approximately 1.0 cm, and height is approximately 1.0 cm. Aggressive osteolytic changes and dental lysis is seen spanning the left mandible from the triadan 306 up to the triadan 308.

AGE

13 Years

Triadans 108, 110, and 301 are absent.

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

Dental plaques are seen.

The left submandibular and medial retropharyngeal lymph nodes present within normal limits.

HOSPITAL NAME

Catskill Veterinary
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Thorax

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.

REFERRING VET

Dr. Lindsey Green

A mild generalized bronchial lung pattern is noted. Atelectasis of the right cranial lung lobe is noted. There is no evidence of interstitial pulmonary nodules or masses.

INVOICE

56927

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

Biliary microlithiasis is noted as well as a small left divisional parenchymal cyst of the liver.

DATE

2-23-23

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Soft tissue mass of the left mandibular body with aggressive bone and dental lysis level with the triadans 306, 307, and 308.
- No evidence of metastases to the regional lymph nodes or lung.



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- Biliary microlithiasis
- Small liver cyst.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

SPECIES

Canine

The CT findings are suggesting presence of a malignant soft tissue neoplasia such as oral fibrosarcoma, melanoma, squamous cell carcinoma, or other with secondary bone lysis. Acanthomatous epulis / ameloblastoma is a potential but less likely differential diagnosis. Final diagnosis will require correlation with the results of the histology.

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At this time, there was no evidence of metastases within the regional lymph nodes or lung.

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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.

SPECIES

Canine

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.

BREED

Maltese Mix

Nele Eley, DVM, Dr. med. vet., DipECVDI
European Specialist in Veterinary Diagnostic Imaging, Cert. Radiology,
Senior lecturer University of Giessen, Germany, Veterinary Faculty, Department of Radiology
Nele.Eley@sonopath.com

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