



PATIENT PRESENTING CLINICAL SIGNS

Pepper Stuart Persistent drainage tract left side of face. Two previous surgical explorations.
Abnormal PE/Chem/CBC/UA Results: Chem and cbc normal

SPECIES COMPUTED TOMOGRAPHIC STUDY OF THE HEAD, NECK, & THORAX

Canine Plain and post contrast studies in soft tissue, bone, and lung windows available for review.

COMPUTED TOMOGRAPHIC FINDINGS

BREED Head & Neck

Kelpie
Regional soft tissue swelling is seen in the left side of the face in the masseter area. Regional dermal thickening is seen ventral to the zygomatic arch with an open drainage tract containing a mild amount of gas. Fluid filled finger like drainage tracts can be traced ventrally and two fluid filled elongated drainage tracts can be traced from the dermal opening ventrally. One is superficial in the subcutis and measures approximately 2 cm in length and 3mm in width. The second connects to the left mandibular angle and measures approximately 3 cm in length and 4mm in width. No evidence of osseous changes. No evidence of foreign material and no evidence of relevant dental changes is seen. The drainage tracts present peripheral rim enhancement. Mild regional soft tissue swelling is noted.

SEX

Female

AGE

10

The left submandibular and retropharyngeal lymph nodes presents mild symmetric enlargement.

INTERPRETED BY Thorax

Nele Eley, DVM
Dr. med. Vet. DipECVDI

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

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.

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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.

REFERRING VET

Eamon

The lung parenchyma presents the expected architecture and attenuation behavior.

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

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COMPUTED TOMOGRAPHIC DIAGNOSIS

DATE

3-2-23

- Drainage tracts and regional cellulitis in the left side of the face in the masseter area.
- Mild lefthand sided submandibular and retropharyngeal lymphadenomegaly compatible with reactive lymphadenitis.



PATIENT

Pepper Stuart

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Attenuating foreign material cannot be seen. Non-attenuating or low attenuating foreign material such as organic material including hair and plant material cannot be ruled out entirely. There are two tracts emerging from the dermal opening. One is more superficial and can be traced ventrally. The second can be traced in a caudoventral direction and targets the left mandibular angle without evidence of associated osseous changes. En bloc resection of the drainage tracts could be considered.

SPECIES

Canine

BREED

Kelpie

SEX

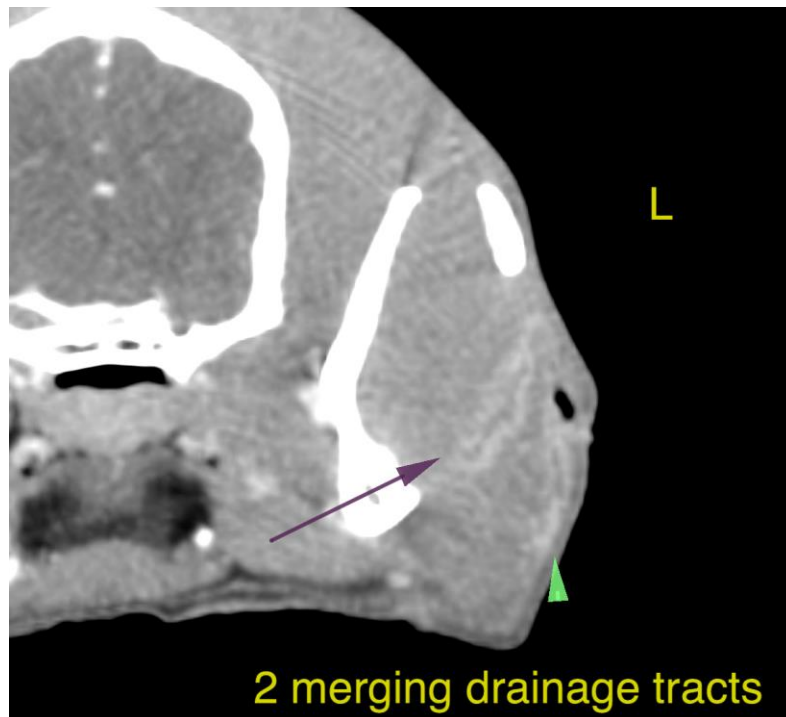
Female

AGE

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INTERPRETED BY

Nele Eley, DVM
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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.

REFERRING VET

Eamon

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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