



PATIENT PRESENTING CLINICAL SIGNS

Asta Bayly Ventral neck swelling. Abscess was initially noticed in September 2021. She was started on antibiotics. Since then, the swelling has reappeared and disappeared multiple times

SPECIES COMPUTED TOMOGRAPHY OF THE SKULL

Canine A pre- and post-contrast CT study of the skull in a bone and soft tissue reconstruction is provided for review.

BREED COMPUTED TOMOGRAPHIC FINDINGS

Icelandic Sheepdog The tooth elements 205, 305 and 405 are absent. A supernumerary triadan 411 is seen.

SEX

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AGE

1 Year

Within the rostral aspect of the base of the tongue, just caudal to the sublingual frenulum, a mild heterogeneous mineral attenuating, rectangular shaped, body, measuring 9 x 4 x 5 mm in size is visible. The mineral attenuating body in the rostral aspect of the base of the tongue is surrounded by a mild hypoattenuating halo. Post contrast administration, the mineral attenuating body is demarcated by peripheral heterogeneous contrast enhancement with a stalk like tubular extension coursing caudoventrally. There is a mild to moderate subcutaneous swelling in the ventral intermandibular region, most accentuated level with the last mandibular molar teeth and the stalk like contrast enhancing lesion is terminating in the subcutaneous swelling.

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

The nasal cavity presents the expected aerated spaces between thin & even conchae and turbinates with smooth mucosal lining.

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

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Both tympanic bullae are aerated, the mucosal lining is not seen, the bony wall is smooth and thin. The external ear canals are within normal limits.

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.

REFERRING VET

Debbie Reynolds

The submandibular and medial retropharyngeal lymph nodes are prominent and present a mild heterogenous contrast enhancement pattern.

COMPUTED TOMOGRAPHIC DIAGNOSIS

INVOICE

49512

- Foreign body within the rostral aspect of the base of the tongue/sublingual region with draining tract and subcutaneous intermandibular septic steatitis/abscess formation
- Reactive hyperplasia of the tributary lymph nodes

DATE

1-12-22

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The findings are consistent with a foreign body (possible piece of bone or wood) in the base of the tongue/sublingual region – just caudal to or level with the sublingual frenulum – with draining tract formation. The finding explains the recurrent abscess formation. Surgical intervention to



PATIENT

remove the foreign material is the therapy of choice. Ultrasound will help to localize the foreign body during or prior to surgical intervention.

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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.

Sebastian Schaub, Sebastian Schaub, DVM, Dr. med. vet. DipECVDI
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