



**PATIENT PRESENTING CLINICAL SIGNS**

Sierra Sass  
**SPECIES** Canine  
**BREED** Husky x  
**SEX** FI  
**AGE** 10 Years

On exam Nov 8/22, it was obvious on listening to Sierra's breathing that something is obstructing air flow in her upper airway, most likely her nasal sinus. As I understand, she has not lost any weight recently and is not coughing, sneezing or having any nasal discharge. At this time, I do not think her lungs are affected. But some types of tumours can metastasize to the lungs. Her gingiva around her teeth is quite red and she was resistant to me checking her teeth. This may be due to pain/discomfort or may be due to her not being used to her teeth being examined. Regardless, the gums above both her canine teeth appear somewhat swollen. This may be caused by infected teeth root/s The main differentials for the issue she is having is: Nasal tumour - could be benign or metastatic Tooth root abscess - if she has an infected tooth or teeth, this can cause infection in the nasal sinus which could cause issues, particularly if the canine teeth are affected. To sort out what is causing the issue, I would recommend taking her to either Bridgwater in Winnipeg or the WCVN in Saskatoon for a CT scan. This will determine if she has a tumour or a tooth abscess and will be the best way to make a good treatment plan. Alternatively, dental xrays or a nasal scope are option but are limited for diagnosis in comparison to a CT scan. We did not start prednisone today to try to shrink up a potential mass. But we can start her on prednisone if you DO NOT WANT to pursue a cancer diagnosis. If it is cancer causing the mass and you want to try to treat it, starting prednisone is contraindicated. We did start her on antibiotics in the event that it is a tooth root abscess or a tumour that is starting to get swollen and inflamed. Antibiotics can help to shrink a tumour in some cases and will help for a period of time, if its a tooth root abscess. Additional diagnostics are needed to sort out what is causing Sierra's problem and see if it is treatable. Dr. Keri.

**INTERPRETED BY**

Sebastian Schaub, DVM  
 Dr. med. vet. DipECVDE

**COMPUTED TOMOGRAPHY OF THE SKULL**

A high resolution pre- and post-contrast CT study of the skull is provided for review.

**COMPUTED TOMOGRAPHIC FINDINGS**

Triadan 105 & 201 are absent. Triadan 109 and 209 present a moderate widening of the periodontal space.

Centered on the horizontal plate, in the midline of the caudal third of the hard palate, a uniform soft tissue attenuating and mild homogeneous contrast enhancing mass is visible, measuring 2.6 x 1.6 x 2.4 cm in size. The mass of the hard palate is well-defined and bulging into the ventral aspect of the nasal cavity bilaterally and the submucosa of the hard palate. Focal aggressive osteolysis of the horizontal plate of both palatine bones is seen.

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

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.

The submandibular and medial retropharyngeal lymph nodes are small and elongated with a normal short-to-long-axis-ratio is < 0.5, the attenuation and contrast enhancement pattern is uniform.

**HOSPITAL NAME**

Bridgwater  
 Veterinary Hospital  
 and Wellness Centre

**REFERRING VET**

Dr. Keri Hudson  
 Reykdal

**INVOICE**

55363

**DATE**

11-24-22



**PATIENT**

Sierra Sass

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

- Polyostotic aggressive osteolytic soft tissue mass of the hard palate with partial obstruction of the ventral nasal meatus
- Periodontal disease 109&209
- Absent triadan 105 and 201

**SPECIES**

Canine

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

**BREED**

Husky x

The soft tissue mass centered on the hard palate is consistent with neoplastic disease and potentials include fibrosarcoma, melanoma, osteosarcoma, chondrosarcoma, other. Recommend FNA sampling ± biopsy for further definition. Based on the results of the advanced diagnostic tests, the chances of radiation therapy might be discussed with oncologist.

**SEX**

FI

Consider full tumor staging.

**AGE**

10 Years

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Sebastian Schaub, DVM  
Dr. med. vet. DipECVDI

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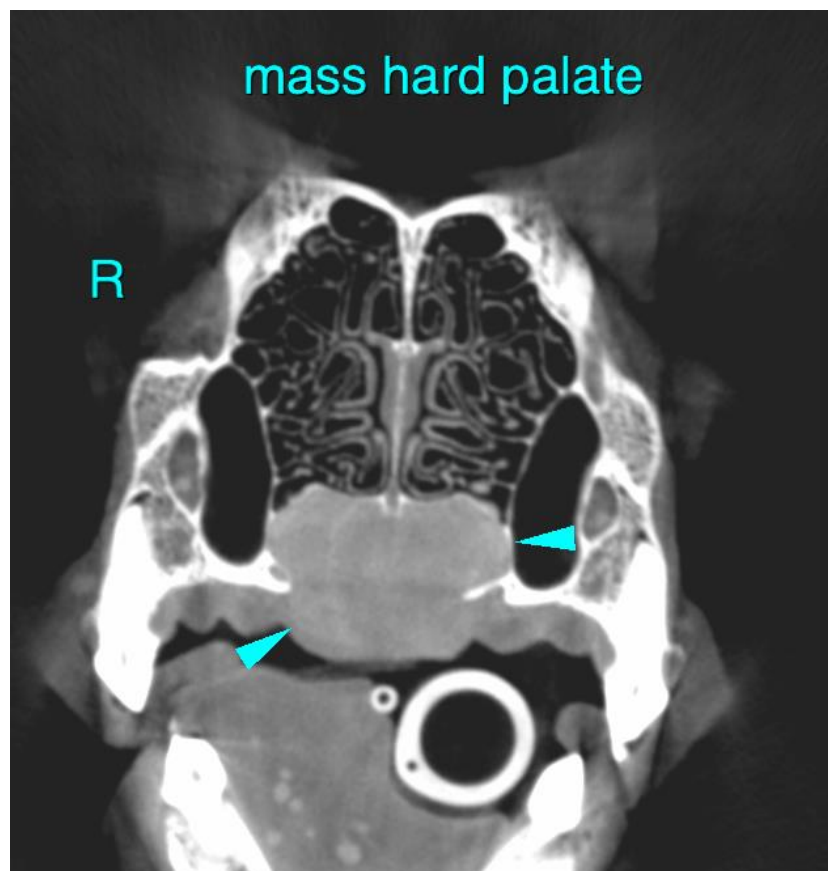
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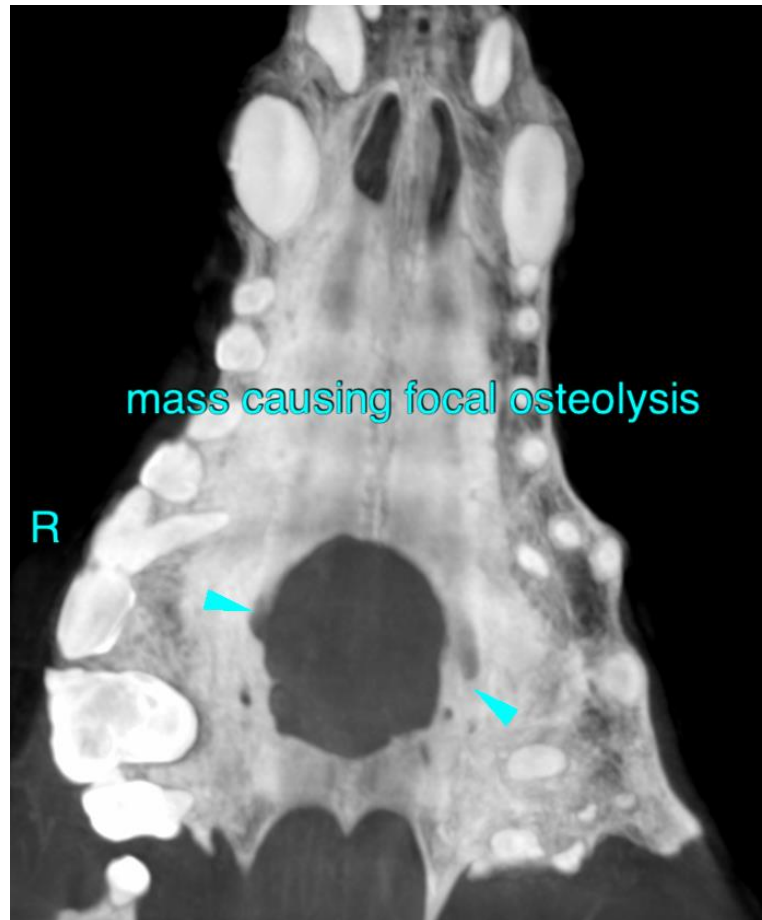
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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  
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