

## PATIENT

Sandy Schancer

## SPECIES

Canine

## BREED

Shih Tzu

## SEX

Neutered Male

## AGE

8 Years

## WEIGHT

11.4

## INTERPRETED BY

Sebastian Schaub, DVM  
Dr. med. vet. DipECVDI

## IMAGING PERFORMED BY

Sativa Romero

## HOSPITAL NAME

Petroglyph Animal  
Hospital

## REFERRING VET

Dr. Cassidy Stone

## INVOICE

12034

## DATE

10/31/25

## PRESENTING CLINICAL SIGNS

6 months of increased upper respiratory effort (increased effort exhaling)

Abnormal PE/Chem/CBC/UA Results: WNL

## COMPUTED TOMOGRAPHIC STUDY OF THE SKULL

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

## COMPUTED TOMOGRAPHIC FINDINGS

Multiple teeth are absent. The remaining teeth present generalized moderate periodontal disease – most accentuated triadan 109, 204, 208.

A small amount of fluid attenuating material is attached to the nasal mucosal lining, L>R. A left sided deviation of the nasal septum is present – congenital variant.

The ala of the vomer bilaterally and the left hamulus of the pterygoid bone present permeative osteolysis along with a contrast enhancing localized soft tissue swelling extending into the dorsal aspect of the choana.

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. Right sided deviation of the caudal segment of the falx cerebri is seen that is considered an anatomical variant. 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 left mandibular lymph nodes and the medial retropharyngeal lymph nodes bilaterally are prominent.

## COMPUTED TOMOGRAPHIC DIAGNOSIS

- Focal soft tissue swelling level with the choana along with polyostotic aggressive osteolytic lesions.
- Mild rhinitis
- Generalized periodontal disease of the remaining teeth
- Lymphadenopathy left mandibular lymph nodes and medial retropharyngeal lymph nodes bilaterally – consistent with reactive lymphoid hyperplasia
- Multiple absent teeth

## INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The localized aggressive osteolytic lesions of the ala of the vomer and the left hamulus along with the soft tissue swelling are highly concerning for primary nasal soft tissue neoplasia – such as adenocarcinoma. Theoretically local inflammation with osteolysis is a potential, but less likely. Retrograde evaluation of the nasopharynx & choana may allow biopsy of the appreciated soft tissue swelling for specification.



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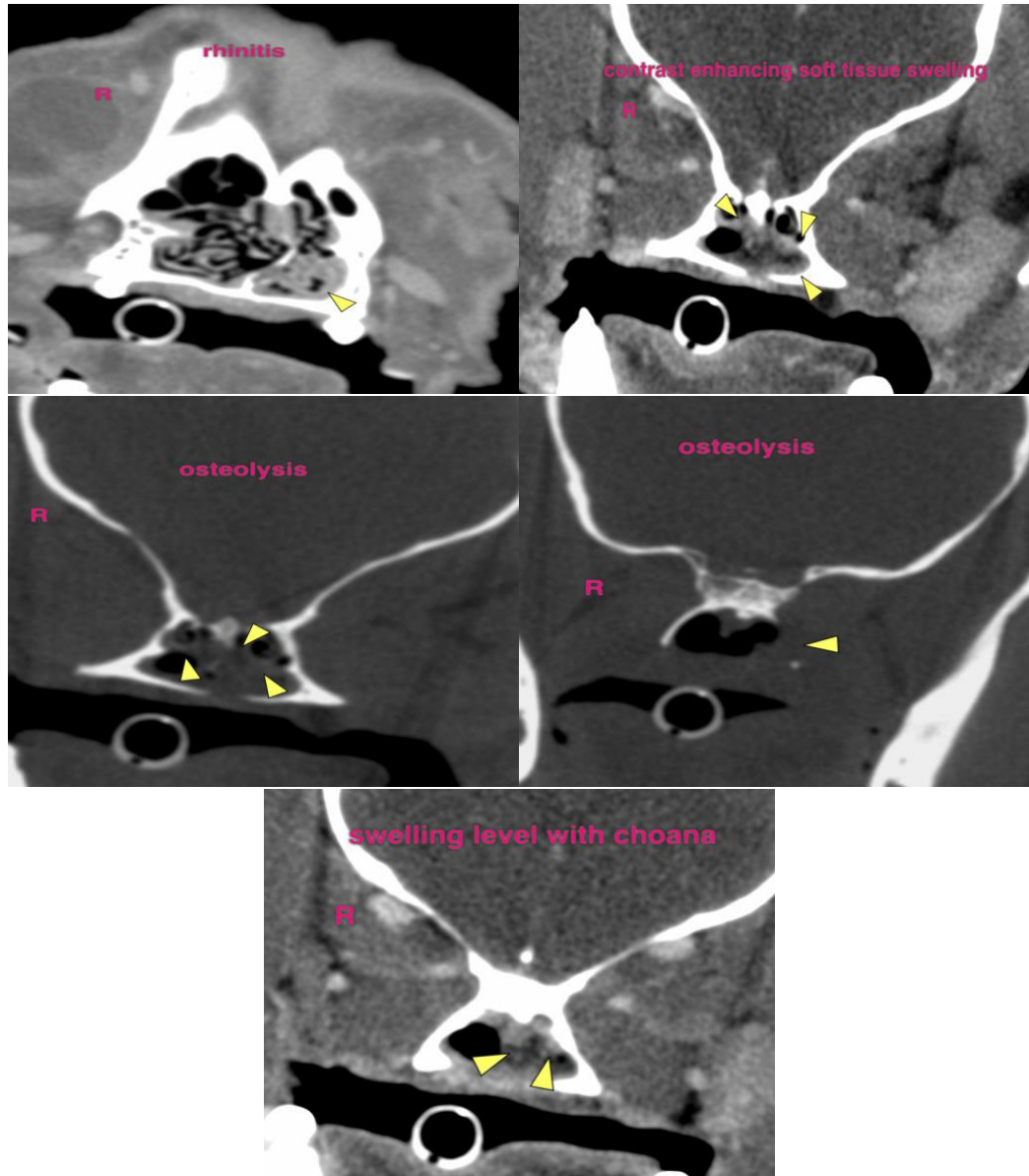
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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, DVM, Dr. med. vet. DipECVDI  
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