



## PATIENT

Lucky Holder

## SPECIES

Feline

## BREED

DSH

## SEX

Neutered Male

## AGE

14 Years

## WEIGHT

12

## INTERPRETED BY

Sebastian Schaub, DVM  
Dr. med. vet. DipECVDI

## IMAGING PERFORMED BY

Tina Lynn CVT & Dr.  
George Eales DVM

## HOSPITAL NAME

Green Prairie Animal  
Hospital

## REFERRING VET

Lincoln Land Animal  
Clinic- Dr. Koch

## INVOICE

14504

## DATE

3/19/26

## PRESENTING CLINICAL SIGNS

- Jan 2024-ceruminous gland adenocarcinoma-incomplete excision
- March 2nd, 2026-coughing, sneezing blood, responded to Baytril but cough did not completely go away so repeated Baytril
- March 9, 2026-coughing, sneezing blood again, Baytril has not helped, concerned about possibly nasopharyngeal polyp, nasal tumor, bacterial or fungal infection or foreign body.

## 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

The tip of the crown of triadan 204 is absent, exposing the pulp cavity to the dental surface. The periodontal space in the periapical region of triadan 204 is widened the left nasal cavity is perforated – localized destruction of the nasal conchal structures at the same level is seen. Triadan 307 is absent. Triadan 308 presents a significant widening of the periodontal space.

In both nasal cavities, a moderate amount of fluid attenuating material is attached to the nasal mucosal lining. The right frontal sinus is filled with non-contrast enhancing soft tissue material.

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

In the lateral compartment of the left tympanic bulla, a small amount of gravity dependent, fluid attenuating material is 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.

## COMPUTED TOMOGRAPHIC DIAGNOSIS

- Rhinitis
- Sinusitis right frontal sinus
- Complicated dental fracture 204 with secondary periapical abscess formation 204 with perforation of the nasal cavity
- Periodontal disease 308
- Absent triadan 307

## INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Destructive rhinitis in feline patients is commonly primary viral ± bacterial or mycotic superinfection. The CT study reveals no evidence of a nasal soft tissue mass – although in few cases diffuse neoplastic infiltration of the mucosal lining due to underlying lymphoma is possible. The periapical abscess of triadan 204 may trigger the rhinitis as well and extraction is recommended. Rhinoscopy including biopsy and sampling for microbial culture - in many cases the initial causative infectious agent cannot be isolated anymore – can be used as advanced diagnostic tool.



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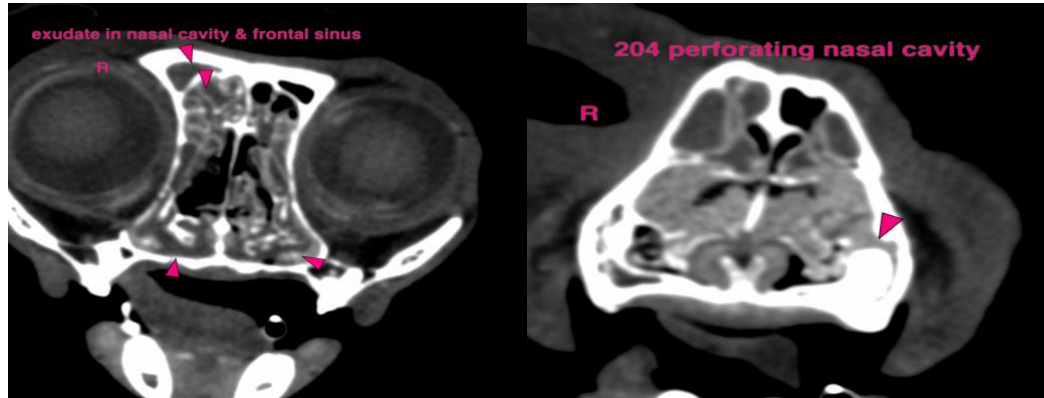
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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  
[info@sonopath.com](mailto:info@sonopath.com)