



PATIENT PRESENTING CLINICAL SIGNS

Levi Cromeek
 The owner said that the patient has been sneezing blood, 4 times, for the past 3 months and bleeding in the right nostril. Otherwise, the patient's acting normal
 Abnormal PE/Chem/CBC/UA Results: PE: Grade 4 dental disease CBC: Lymphocytes * 7.84 K/ μ L Chem: ALT 135 U/L;

SPECIES

Canine

COMPUTED TOMOGRAPHIC STUDY OF THE HEAD & THORAX

Plain and post contrast studies of the head and plain study of the thorax available for review.

BREED

Golden Retriever

COMPUTED TOMOGRAPHIC FINDINGS

Head

A large irregular shaped and ill-defined soft tissue attenuating mass of approximately 8 cm length, 2.5 cm width, and 3.0 cm height is seen within the right nasal cavity. The mass fills the right nasal cavity almost completely. Polyostotic aggressive bone lysis involving the right hard palate, bony nasal septum, right maxillary, and nasal bones is seen. The cribriform plate is intact. There is extensive regional turbinate destruction. The mass presents moderate nonuniform contrast enhancement and extends into the nasal fundus.

SEX

Male

AGE

13 Years, 14 days

The right frontal sinus is filled with fluid attenuating material.

A mild amount of hypoattenuating material is seen medially within the right external auditory meatus.

INTERPRETED BY

Nele Eley, DVM
 Dr. med. Vet. DipECVDI

The regional lymph nodes present within normal limits.

Note the presence of multifocal mild to moderate periodontal disease with multifocal dental plaques.

HOSPITAL NAME

Catskill Veterinary Services, PLLC

Thorax

Mild cranial mediastinal lymphadenomegaly is noted.

There are small amounts of residual thymic tissue.

REFERRING VET

Daniela Carbone, DVM

No evidence of interstitial pulmonary nodules or masses is seen. The lung presents dorsal atelectatic changes compatible with hydrostasis. Occasional pulmonary osteomas are seen.

No significant cardiac enlargement is noted.

INVOICE

58932

- Soft tissue mass with aggressive biological behavior within the right nasal cavity with extension into the nasal fundus.
- Secondary obstructive right frontal sinusitis.
- Periodontal disease and dental plaques.
- No evidence of pulmonary metastases.
- Mild cranial mediastinal lymphadenomegaly.

DATE

6-20-23



PATIENT

- Minimal residual thymic tissue, normal.

Levi Cromeek

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

SPECIES

The CT findings are compatible with malignant soft tissue neoplasia within the right nasal cavity with secondary aggressive bone lysis. Differential diagnosis includes nasal adenocarcinoma, other carcinoma, and less likely round cell neoplasia or soft tissue sarcoma. Final diagnosis would require sampling for histology. At this time, there is no evidence of intracranial extension.

Canine

The regional lymph nodes present within normal limits.

BREED

The minimal cranial mediastinal lymphadenomegaly is likely to represent reactive hyperplasia and to be unrelated to the nasal pathology. However, early metastatic disease cannot be ruled out entirely despite being considered highly unlikely here.

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SEX

There is no evidence of pulmonary metastases.

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PATIENT

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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.

SPECIES

Canine

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.

BREED

Golden Retriever

Nele Eley, DVM, Dr. med. vet., DipECVDI
European Specialist in Veterinary Diagnostic Imaging, Cert. Radiology,
Senior lecturer University of Giessen, Germany, Veterinary Faculty, Department of Radiology
info@sonopath.com

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