



PATIENT PRESENTING CLINICAL SIGNS

Hugo Dudley No pain over muzzle, sinuses. Crusty discharge R nostril and inflammation of nasal mucosa. R sided facial paralysis over muzzle area. No effect on eyelids, ears. L nostril appears wnl. Diagnosis: Rhinitis, foreign body, aspergillus, neoplasia. Plan/Therapy: Adv ideally CT and rhinoscopy for visualisation of inside nostril and also effects of process within nasal cavity to aid diagnosis.

SPECIES

Canine **COMPUTED TOMOGRAPHIC STUDY OF THE HEAD**

A pre- and post-contrast CT study of the head are provided for review totaling two series. One pre-contrast series and one post-contrast series, soft tissue and bone algorithm.

BREED

Cocker Spaniel **COMPUTED TOMOGRAPHIC FINDINGS**

SEX The nasal turbinates are asymmetrical with severe loss of turbinate architecture in the right side. There is mild multifocal, more caudal, hypoattenuating fluid material accumulation and mucosal enhancement in the right nasal cavity. No evident mass effect is seen in the nasal cavities.

AGE Male The right frontal sinus is partially filled with aggregated, mixed attenuating material, uniform gas pattern, fluid content, and mass like. In addition, irregular hyperostosis is seen in the right frontal bone with associated multifocal osteolytic lesions at the right orbital margin. There is a mild interruption of the cribriform plate at this side; however, no clear evidence of meningeal enhancement.

1 Year, 9 Months The left frontal sinus is unremarkable.

INTERPRETED BY The choana, nasopharynx and larynx are normal.

Tilde Rodrigues Froes, DMV, MSc., Dr. Med Vet., Dipl. CBraRVet The bulla cavities and external auditory canals are normal. No mass effect is seen in the brain, normal attenuation.

The temporomandibular joints are bilaterally congruent.

HOSPITAL NAME

Animal Trust - Ellesmere Port The globes and retrobulbar spaces are unremarkable. All teeth are present.

REFERRING VET

Hollie Sharp The retropharyngeal lymph nodes are asymmetrical. The right retropharyngeal lymph node is mildly enlarged and homogeneously enhancing. The left retropharyngeal lymph node is normal. RRLF measures approximately 0.65cm thickening. LRFL measures approximately 0.45cm thickened.

INVOICE The mandibular lymph nodes are asymmetrical. The right mandibular lymph nodes are enlarged and mildly rounded in shape. The major right mandibular lymph node measures 1.3cm x 1.0cm. The major left mandibular lymph node measures 1.0cm x 0.4cm.

59454 **COMPUTED TOMOGRAPHIC DIAGNOSIS**

- Unilateral, right side, severe chronic destructive rhinitis, mild fluid accumulation, right frontal bone hyperostosis, osteolytic changes, and sinusitis; the differential diagnosis includes fungal rhinitis and sinusitis.

DATE 7-19-23



- PATIENT**
- Right side cribriform plate interruption/lysis, without clear evidence of meningeal infiltration.
 - Right side retropharyngeal and mandibular lymphadenitis, reactive.

Hugo Dudley

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

SPECIES

Canine

Unilateral, right-side, destructive rhinitis and sinusitis are noted and are correlated to the present clinical respiratory sign. The differential diagnosis includes fungal rhinitis and fluid accumulation. Concurrent bacterial contamination should be considered. No mass effect is seen in the nasal cavity; however, an aggregated irregular mass effect is seen at the right frontal sinus, likely fungal mass.

BREED

Cocker Spaniel

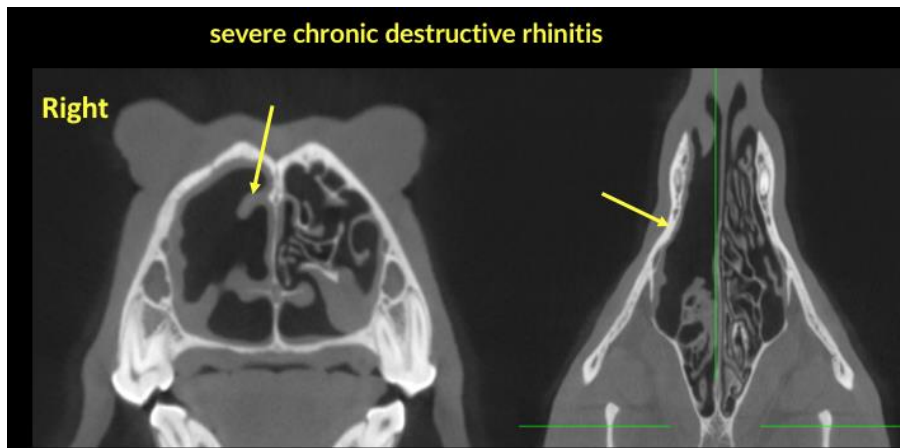
There is evidence of cribriform plate interruption, without clear evidence of meningeal infiltration. Considering fungal etiology, Aspergillosis is the most common organism responsible for canine mycotic rhinitis, other less likely organisms include *Cryptococcus*, *Rhinosporidium*, and *Blastomyces*. Nasal flush biopsy is suggested for confirmation.

SEX

Male

AGE

1 Year, 9 Months

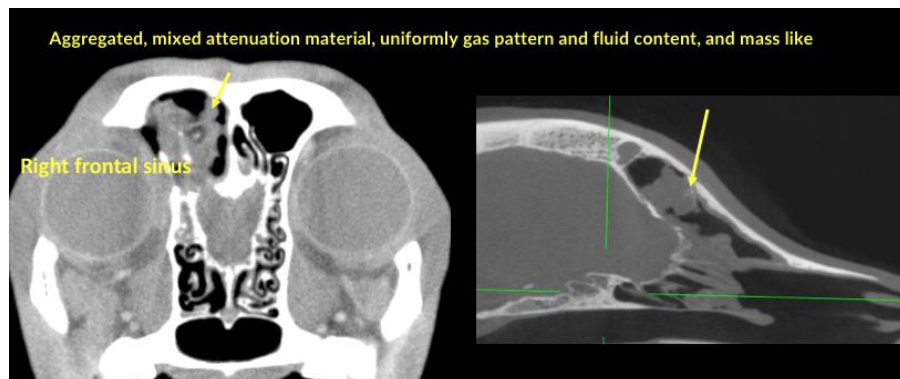


INTERPRETED BY

Tilde Rodrigues Froes, DMV, MSc., Dr. Med Vet., Dipl. CBraRVet

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REFERRING VET

Hollie Sharp

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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.

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.

Tilde Rodrigues Froes, DMV, MSc., Dr. Med.Vet., Dipl.CBraRVet
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BREED

Cocker Spaniel

SEX

Male

AGE

1 Year, 9 Months

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