



PATIENT

Tony Bennett
Dougherty

PRESENTING CLINICAL SIGNS

Rescue group kitty. Nasal congestion, discharge (bilateral).

COMPUTED TOMOGRAPHY OF THE SKULL

SPECIES

Feline

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

COMPUTED TOMOGRAPHIC FINDINGS

The pictured parts of the dentition are complete and unremarkable in all jaw quadrants.

BREED

DLH

Both nasal cavities are occupied by non-contrast enhancing soft tissue material. Mild destruction of the nasal conchal structures is present. There is malformation of the caudal aspect of the left nasal cavity, with left sided deviation of the nasal septum, hyperostosis and atresia of the caudal opening of the ventral nasal meatus, resulting in a blind caudal ending of the left nasal cavity. No connection of the left frontal sinus with the left nasal cavity is appreciated. The pterygoid bone and the hamulus bilaterally are malformed. The nasopharynx is segmentally imperforated.

SEX

Male Neutered

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

AGE

5 Months

Both tympanic bullae are filled with non-contrast enhancing soft tissue material. The external ear canals are within normal limits.

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

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

Mobile Pet Imaging

COMPUTED TOMOGRAPHIC DIAGNOSIS

REFERRING VET

Meaux

- Malformation of the nasal cavity with unilateral choanal atresia
- Imperforated nasopharynx versus nasopharyngeal stenosis with complete upper airway obstruction
- Atresia of left nasofrontal duct, with left sided obstructive sinusitis
- Bilateral destructive rhinitis
- Bilateral otitis media – secondary to upper airway malformation

INVOICE

50229

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

DATE

2-10-22

The CT study is compatible with a complex congenital malformation of the upper airways with unilateral choanal atresia, atresia of the left nasofrontal duct and imperforated nasopharynx versus segmental atresia of the nasopharynx causing complete upper airway obstruction. Recommend discussing the chances of intervention treatment options with internal medicine to check if a guide wire can be passed through the nasopharynx allow balloon dilation or stenting of the nasopharynx. If patency of the nasopharynx can be achieved, establishing a connection between the left & right nasal cavity might be considered as well.



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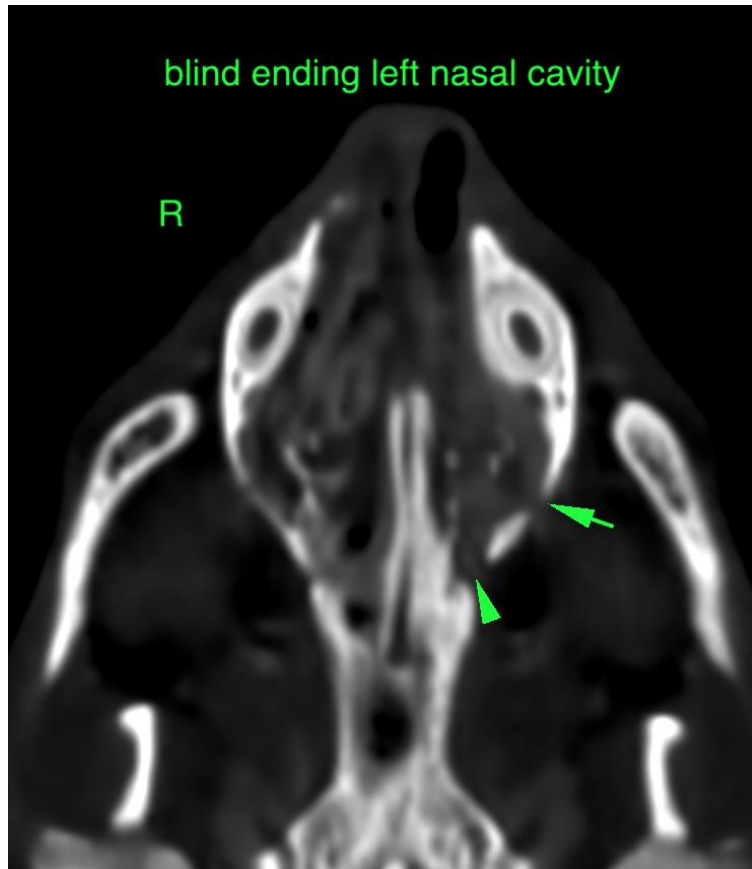
Male Neutered

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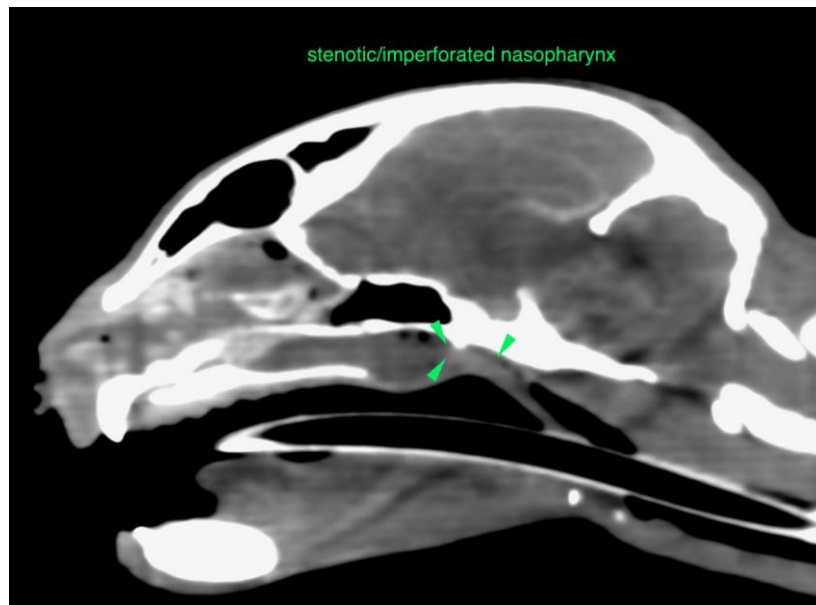
Meaux

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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

Feline

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
sebast.schaub@gmail.com

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