



PATIENT

Manny JEN'S
ADOPTABLE CATS
INC

PRESENTING CLINICAL SIGNS

rhinoscopy verse rhinotomy

COMPUTED TOMOGRAPHIC STUDY OF THE HEAD & THORAX

Plain and post contrast studies available for review.

SPECIES

Feline

COMPUTED TOMOGRAPHIC FINDINGS

Head

BREED

DSH

The brain presents no deviation from normal anatomy and symmetry. The grey and white matter distinction and the neuroparenchymal attenuation are as expected. The distribution of contrast enhancement is within normal limits throughout the parenchyma and meninges. The ventricular system is non-dilated and within the limits of the expected volume and symmetry.

SEX

MN

A large amount of fluid attenuating material is seen within the left nasal cavity. Mucosal swelling and mild fluid accumulation are noted in the right nasal cavity. The left frontal sinus is occupied with fluid attenuating material. A mild amount of fluid attenuating material and mucosal swelling are seen in the right frontal sinus. There is no evidence of nasal turbinate destruction or a soft tissue mass. Fluid accumulations and mucosal swelling do extend into the nasopharynx.

AGE

3 Years

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

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

Mucosal swelling and fluid accumulation are noted within both tympanic bullae. The external auditory meatuses present within normal limits.

Both medial retropharyngeal lymph nodes present mild symmetric enlargement.

The salivary glands present within normal limits.

HOSPITAL NAME

Animal Surgical
Center

Resorptive lesions and periodontal disease are seen multifocally within the incomplete dentition.

Thorax

The bony and surrounding soft tissue structures are within normal limits.

REFERRING VET

Rescue

The sternal, cranial mediastinal and tracheobronchial lymph nodes are small elongated with a normal short-to-long-axis-ratio is < 0.5, the attenuation and contrast enhancement pattern are uniform and considered within normal limits.

The cardiovascular structures including the pulmonary vasculature are within normal limits.

INVOICE

56216

A moderate generalized bronchial lung pattern with multifocal bronchiectasis and tree-in-bud appearance is seen. Multifocal peribronchial and randomly distributed interstitial infiltrates are noted.

DATE

1-17-23

Small incidental gas pockets are seen within the esophageal lumen, there is no evidence of abnormal dilation.



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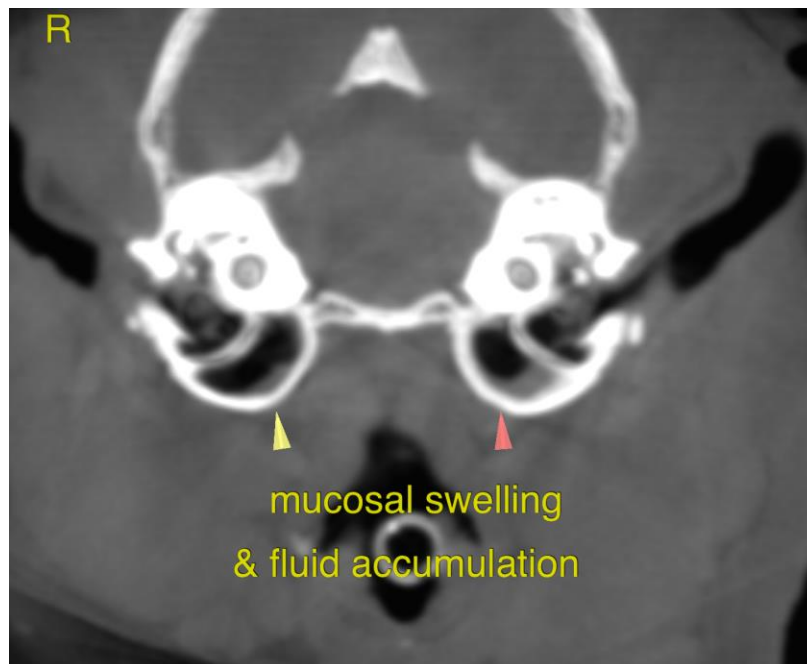
COMPUTED TOMOGRAPHIC DIAGNOSIS

- Bilateral nondestructive rhinosinusitis, L>R.
- Bilateral otitis media
- Bilateral medial retropharyngeal lymphadenomegaly.
- Bronchial lung pattern with multifocal interstitial infiltrates.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The CT study reveals bilateral nondestructive rhinosinusitis in combination with bilateral otitis media and retropharyngeal lymphadenitis. The findings do support the presence of chronic infectious rhinitis such as viral, bacterial, or chronic inflammatory rhinitis such as lymphoplasmacytic which however is considered less likely compared with infectious disease.

The changes of the lung support the presence of concurrent chronic lower airway disease such as allergic lower airway syndrome/feline asthma with or without superinfection or chronic infectious bronchitis such as viral, bacterial, and less likely parasitic. Further definition by means of upper and lower airway endoscopy with airway sampling is recommended if not performed already.





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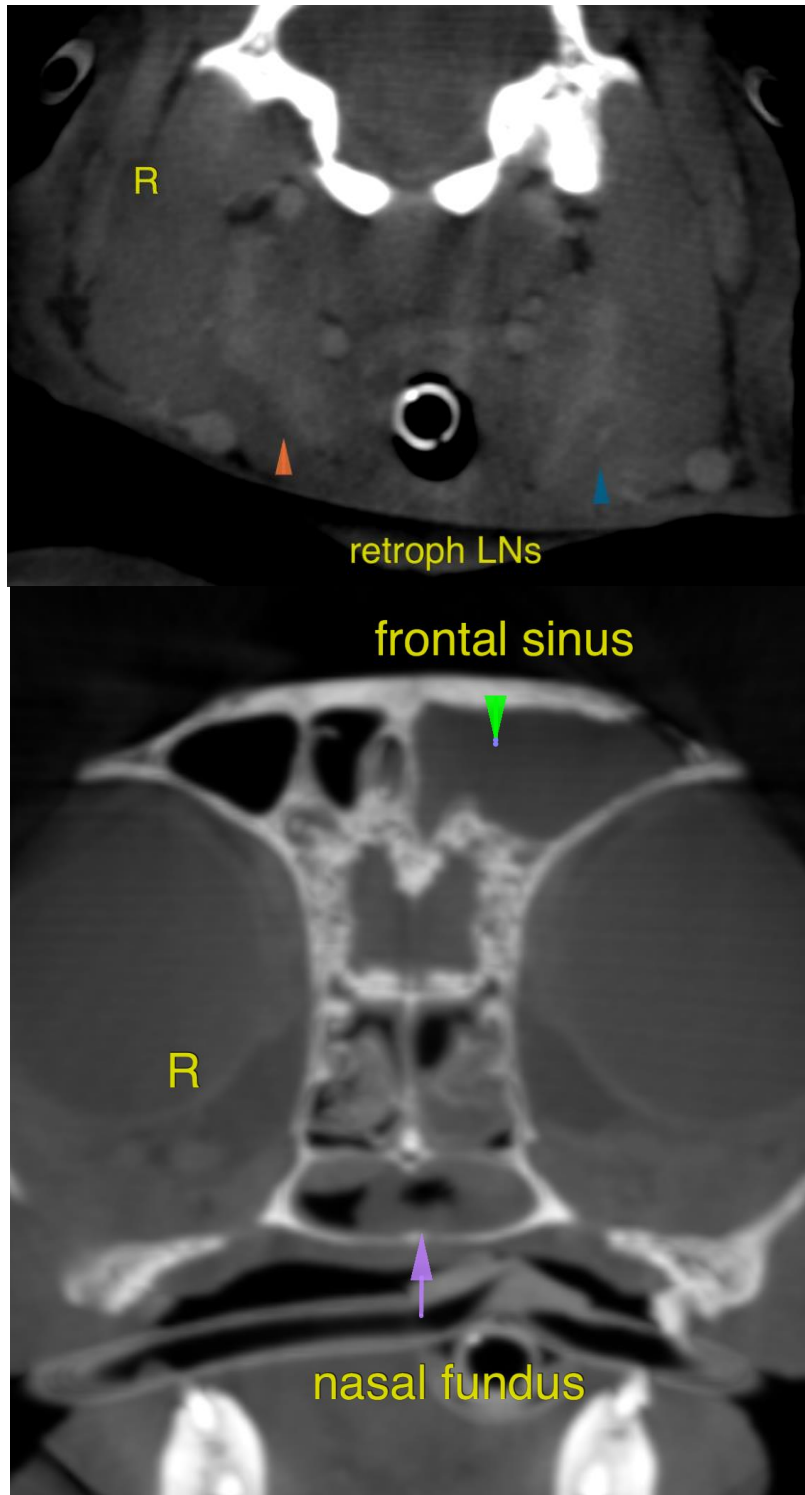
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

SPECIES

Feline

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