



PATIENT PRESENTING CLINICAL SIGNS

Conrad Stehouwer History: Chronic history of upper respiratory infections, mucoid nasal (years). Recent history of epistaxis. Moderately congested on presentation, moderate nasal stridor. Mucoid nasal discharge.

SPECIES COMPUTED TOMOGRAPHIC STUDY OF THE SKULL & THORAX

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

COMPUTED TOMOGRAPHIC FINDINGS

BREED

Skull

DSH

Triadan 301 is absent. Triadan 307&407 present advanced resorptive lesions.

SEX

Neutered Male

In both nasal cavities, fluid attenuating material is attached to a moderately thickened nasal mucosal lining. Moderate destruction of the nasal conchal & turbinate structures bilaterally is appreciated. Soft tissue material is attached to the mucosal lining of the frontal sinuses and bilateral moderate hyperostosis of the frontal sinus is appreciated, L>R.

AGE

11 Years

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

INTERPRETED BY

Sebastian Schaub,
DVM Dr. med. vet.
DipECVDI

The right tympanic bulla contains a moderate amount of non-contrast enhancing soft tissue material. The osseous lining of the right tympanic bulla is mildly thickened and smooth. 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.

HOSPITAL NAME

CARE Surgery Center

The mandibular lymph nodes are prominent.

Thorax

REFERRING VET

Dr. Bleakley

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

The deep cervical and cranial mediastinal lymph nodes are prominent.

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

INVOICE

19043

The bronchial tree presents with regular branching and tapers uniformly towards the periphery as expected, the bronchial walls are thin and smooth. The bronchus-to-artery ratio is within normal limits.

The lung parenchyma presents the expected architecture and attenuation behavior.

DATE

12/6/22



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

SPECIES

Feline

The included parts of the liver present multiple irregular shaped, well-defined, parenchymal filling defects.

BREED

DSH

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Destructive rhinitis and hyperostosis of the frontal sinuses
- Lymphadenopathy mandibular lymph nodes, deep cervical and cranial mediastinal lymph nodes
- Right sided otitis media
- Resorptive lesions 307&407
- Hepatic cysts
- No evidence of inflammatory lower airway disease

SEX

Neutered Male

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The findings are consistent with chronic destructive rhinitis. The causative agent is most likely primary viral ± bacterial superinfection. Even though unlikely there is a small chance of emerging fungal (cryptococcal) superinfection or neoplastic infiltration of the mucosal lining.

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The prominent tributary lymph nodes are considered secondary as reactive hyperplasia.

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Rhinoscopy with biopsy and samples for microbial cultures can be used as advanced diagnostic test – although in many cases, the initial causative agent cannot be isolated anymore. If rhinosinusitis is confirmed, clinical signs are likely to reoccur in chronic cases.

The right sided otitis media is considered as a sequela to the chronic upper respiratory tract infection.

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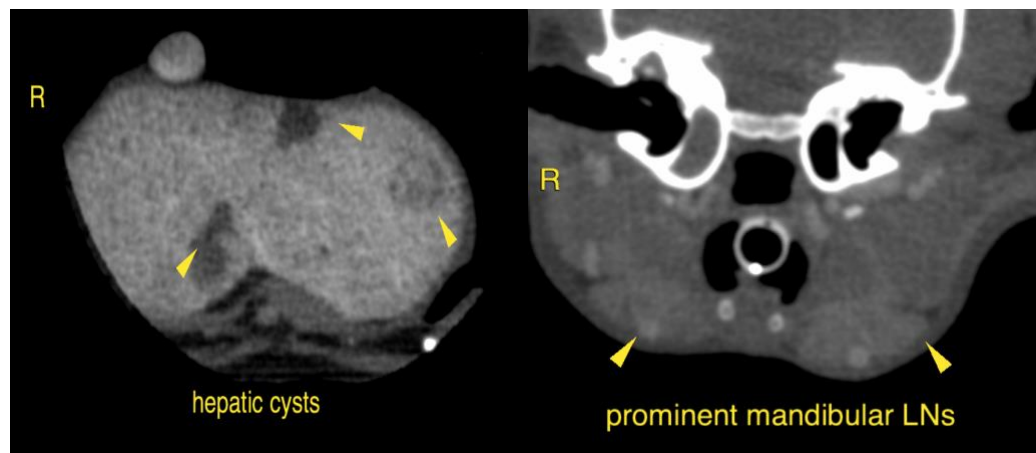
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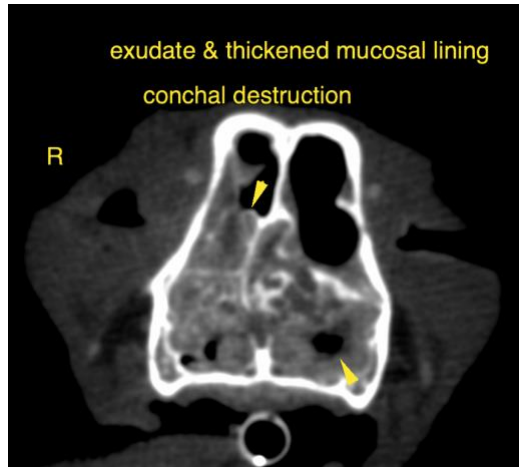
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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, Sebastian Schaub, DVM, Dr. med. vet. DipECVDI
sebast.schaub@gmail.com