



PATIENT

Cali Koenig

PRESENTING CLINICAL SIGNS

Cali presented for for a possible mass in the left ear near the ear drum. She chronic nasal congestion. Antibiotics have been tried but have not improved the rhinitis.

SPECIES

Feline

COMPUTED TOMOGRAPHIC STUDY OF THE HEAD, NECK, THORAX, & ABDOMEN

Plain and post contrast studies available for review.

BREED

Calico

COMPUTED TOMOGRAPHIC FINDINGS

Head

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

FS

A mild amount of fluid attenuating material is seen ventrally within both nasal cavities. The mucosal lining of the nasal turbinates presents mild thickening. Minimal turbinate destruction is seen within both nasal cavities. The left frontal sinus presents mild hyperostosis and mild mucosal swelling.

AGE

6 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

Mild mucosal swelling is noted within both tympanic bullae. A 4mm sized rounded soft tissue attenuating structure is seen medially within the left external auditory meatus.

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

Critical Vet
Care/Suncoast
Veterinary

The salivary glands present within normal limits.

Neck

Both lobes of the thyroid gland are seen and present within normal limits.

REFERRING VET

Dr. Byron Young

Thorax

The lung presents a moderate generalized bronchial pattern with even distribution throughout the lung.

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Abdomen

The serosal fat presents normal attenuation behavior. There is no evidence of peritoneal effusion or peritonitis.

DATE

2-10-22

Both kidneys present within normal limits for size, shape and organ architecture. After contrast



PATIENT administration a bilaterally symmetric and uniform nephro- and pyelogram is noted.

Cali Koenig The adrenal glands are within normal limits for size, shape and organ architecture.

SPECIES Both liver and spleen present with normal shape, even surface, uniformly attenuating parenchyma and homogeneous contrast enhancement, unremarkable.

Feline The pancreas is evenly contoured, the pancreatic parenchyma is homogeneous and presents uniform contrast enhancement.

BREED The position, delineation, wall and content of the gastrointestinal tract are considered within normal limits throughout.

Calico The bony and surrounding soft tissue structures reveal no abnormalities.

SEX **COMPUTED TOMOGRAPHIC DIAGNOSIS**

- FS
- Small soft tissue mass medially within the left external auditory meatus.
- Chronic bilateral rhinosinusitis.
- Mild bilateral otitis media.
- Bronchial lung pattern.

AGE **INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

6 Years The CT study confirms the presence of a small soft tissue structure medially within the left external auditory meatus. Mild bilateral otitis media is noted. Differential diagnosis for the soft tissue mass includes polypoid hyperplasia/polyp, and less likely early neoplasia. Consider sampling such as by excisional biopsy for further definition. The CT signs of otitis media are mild on both sides currently.

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HOSPITAL NAME There is evidence of bilateral chronic rhinosinusitis with only mild destructive component. Differential diagnosis includes infectious rhinitis such as viral, bacterial, mixed versus lymphoplasmacytic rhinitis.

Critical Vet
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Veterinary

The bronchial lung pattern supports the presence of allergic lower airway syndrome. Chronic infectious bronchitis such as viral, bacterial, mixed, and less likely protozoal or parasitic cannot be ruled out entirely as a differential diagnosis. Consider sampling for further definition.

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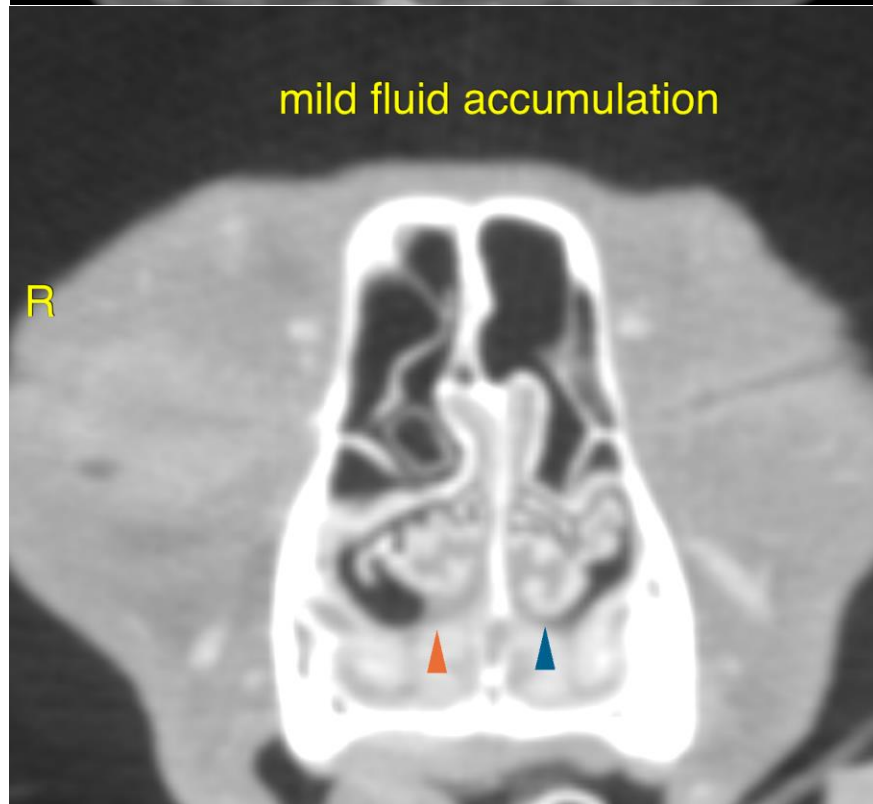
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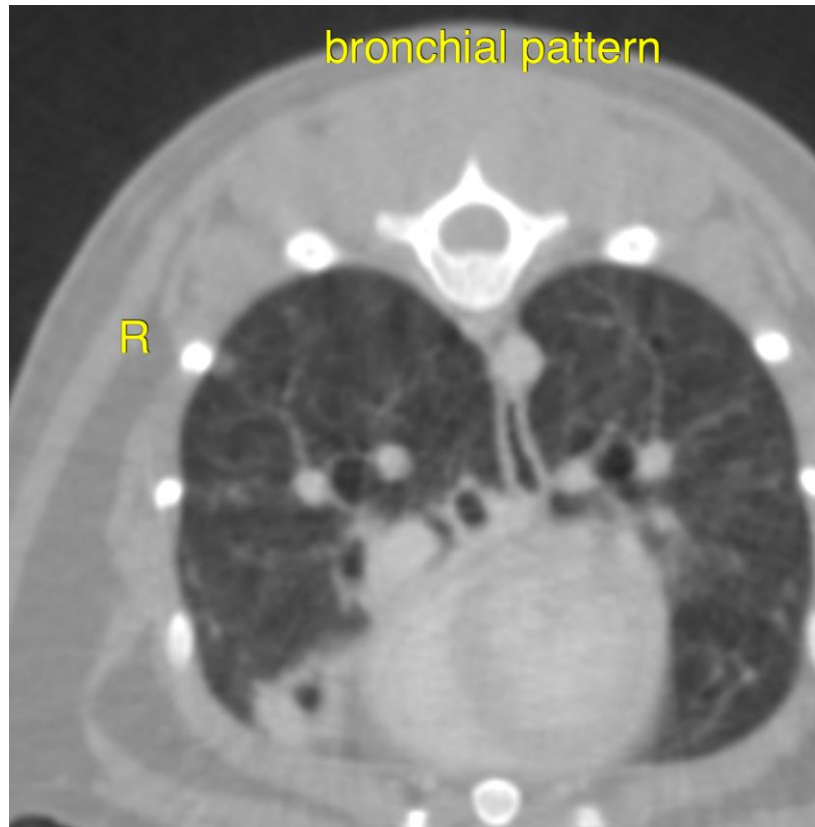
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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