



PATIENT

Lexi Lynn Marchese

PRESENTING CLINICAL SIGNS

sneezing/ clear nasal mucoid discharge- open

SPECIES

Canine

COMPUTED TOMOGRAPHIC STUDY OF THE HEAD, NECK, & THORAX

Plain studies available for review.

BREED

Dachshund

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 ventricular system is non-dilated and within the limits of the expected volume and symmetry.

SEX

FS

A moderate amount of fluid attenuating material is seen multifocally within both nasal cavities, on the floor of the nasal cavities, and adhering to the turbinates. A mild amount of fluid attenuating material is present within both frontal sinuses as well. There is no evidence of turbinate destruction, a soft tissue mass, foreign material, or relevant dental changes noted. No evidence of nasopharyngeal stenosis is seen.

AGE

5 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

Both tympanic bullae are aerated, the mucosal lining is not seen, the bony wall is smooth and thin. The external auditory meatuses present within normal limits.

The submandibular and medial retropharyngeal lymph nodes are small and elongated with a normal short-to-long-axis-ratio.

HOSPITAL NAME

Animal Surgical
Center

The salivary glands present within normal limits.

The visible dentition is within normal limits.

Neck

REFERRING VET

MT Sinai Animal
Hospital

Number, alignment, and general anatomy of the cervical vertebrae present within normal limits.

Occasional chondroid disc degeneration is indicated by mineral attenuating foci of the nucleus pulposus of the discs.

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

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The cervical lymph nodes present within normal limits.

Thorax

DATE

3-28-23

Moderate partially mineralized disc extrusion is seen between T11 and T12.



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The sternal, cranial mediastinal and tracheobronchial lymph nodes are small elongated with a normal short-to-long-axis-ratio.

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

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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.

BREED

Dachshund

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

COMPUTED TOMOGRAPHIC DIAGNOSIS

SEX

FS

- Moderate bilateral nondestructive rhinosinusitis.
- Normal CT findings of the thorax.
- Moderately compressive chronic intervertebral disc extrusion T11/12.

AGE

5 Years

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The CT study reveals moderate bilateral nondestructive rhinosinusitis. Differential diagnosis includes infectious rhinitis such as viral, bacterial, or allergic/eosinophilic rhinitis. Further definition by means of rhinoscopy and sampling for culture could be considered if not performed already. There is no evidence of fungal infection, nasal neoplasia, or foreign material.

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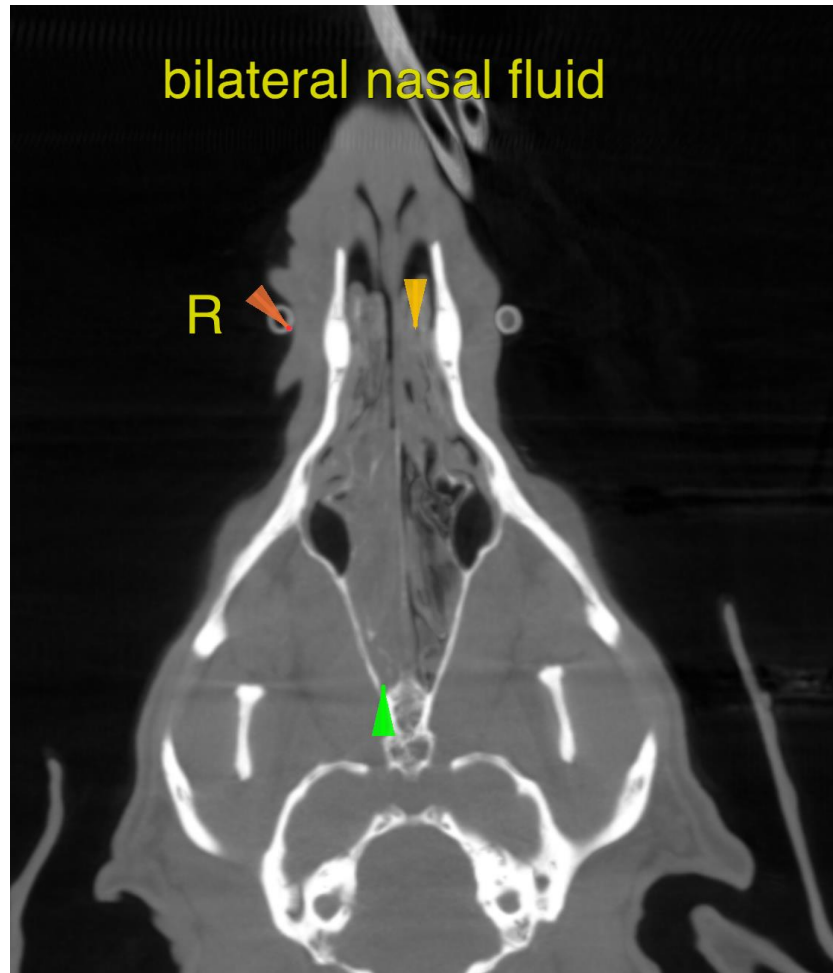
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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