



PATIENT

Cooper Gavzie

PRESENTING CLINICAL SIGNS

nasal discharge and hacking up mucous, mostly clear. Marked weight loss (20#) since April '22 Increased upper air way noise. Unilateral laryngeal paralysis on left side noticed at induction. Abnormal PE/Chem/CBC/UA Results: cbc/chem- WNL

SPECIES

Canine

COMPUTED TOMOGRAPHIC STUDY OF THE HEAD, NECK, & THORAX

Plain and post contrast studies available for review.

BREED

Bernese Mountain Dog

COMPUTED TOMOGRAPHIC FINDINGS

Head & Neck

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

Male Neutered

Mild regional mucosal swelling is seen associated with the dorsal nasal concha in the left nasal cavity. The remainder of the nasal cavities present minimal swelling of their mucosal lining.

AGE

6 Years, 4 Months

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

The right tympanic bulla is filled with contrast negative fluid attenuating material. Mild thickening of the osseous lining and otoliths are noted in the right tympanic bulla. A mild amount of hypoattenuating material is seen within the right external auditory meatus at the transition between its vertical and horizontal parts. The left tympanic bulla and left ear canal present within normal limits.

HOSPITAL NAME

Animal Surgical Center

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.

The salivary glands present within normal limits.

REFERRING VET

Sunrise Animal Hospital

The visible dentition is within normal limits.

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

The cuff of the tracheal tube is situated within the laryngopharynx and larynx. The tip of the tracheal cuff is seen in the upper cervical trachea and a moderate amount of fluid is accumulating caudal to it within the trachea. The trachea presents within normal limits otherwise.

INVOICE

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Moderate generalized dilation of the cervical and thoracic esophagus is seen.

Thorax

DATE

4-6-23

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



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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.

SPECIES

Canine

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.

BREED

Bernese Mountain
Dog

The tips of the caudal lung lobes are not part of the study. The lung parenchyma presents the expected architecture and attenuation behavior.

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Mild nondestructive rhinitis without frontal sinus involvement.
- Moderate chronic right hand sided otitis media and externa.
- No evidence of regional lymphadenomegaly.
- Generalized esophageal dilation.

SEX

Male Neutered

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

AGE

6 Years, 4 Months

The CT study reveals mild nondestructive rhinitis. Differential diagnosis includes allergic and infectious rhinitis such as viral, bacterial, or mixed. Further definition by means of airway endoscopy could be considered and could include sampling from the nasal cavities for culture. There is no evidence of nasal foreign material or neoplasia.

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The esophageal dilation may be a consequence of the general anesthesia. Esophageal dysmotility/ megaesophagus cannot be ruled out entirely. Clinical correlation required.

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Center

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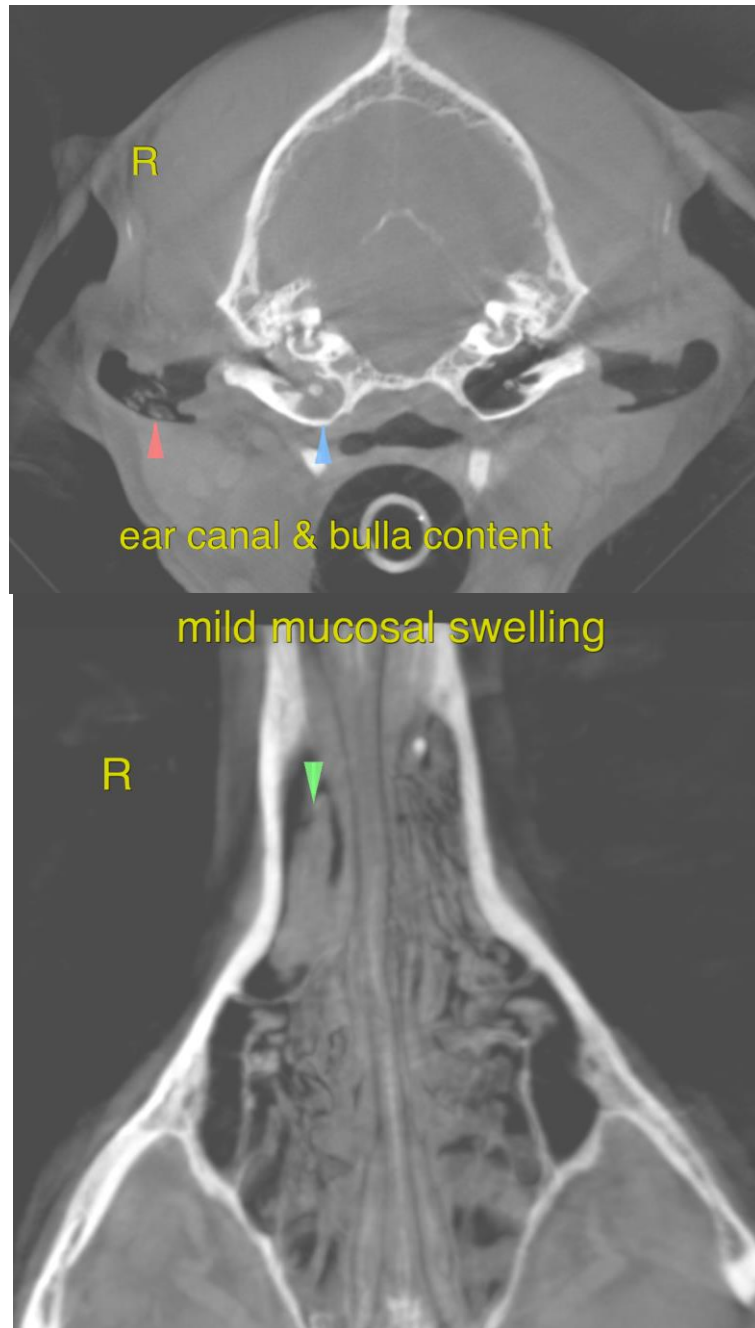
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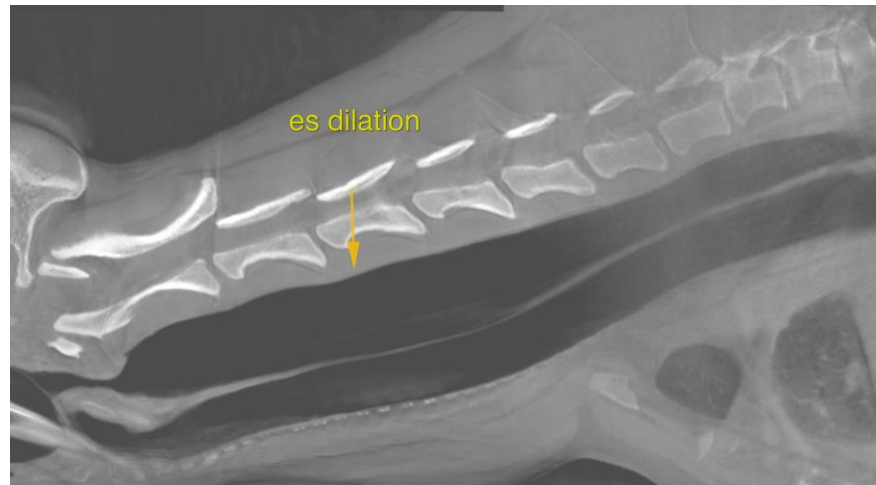
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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