



PATIENT PRESENTING CLINICAL SIGNS

Bella Sanchez
 Patient had clinical signs of trouble breathing, gasping for air, discomfort, gurgling, and wobbling, brought to an urgent care on 5/20/23 after an episode of inability to breathe, radiograph report shows mineralization of the walls of the larger airways and a mild to diffuse bronchial pulmonary pattern. Sent home with Famotadine, Cerenia, and Doxycycline with a recommendation for a further work up to assess the airway

SPECIES

Canine
 Abnormal PE/Chem/CBC/UA Results: No endoscopy/rhinocopy performed following CT today, intubation and extubation was normal, no coughing/gasping/sneezing/trouble breathing noted during hospital stay.

BREED

Labrador

COMPUTED TOMOGRAPHIC STUDY OF THE HEAD, NECK, & THORAX

Plain and post contrast studies of the head, plain study of the thorax, and post contrast study of the neck available for review.

SEX

Female Spayed

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.

AGE

8 Years, 7 Months

INTERPRETED BY

**Nele Eley, DVM
 Dr. med. Vet. DipECVDI**

Minimal fluid accumulation is seen within the nasal turbinates of the right and left nasal cavity. There is no evidence of turbinate destruction, mucosal swelling, foreign material, a mass lesion, or significant dental disease.

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

HOSPITAL NAME

Catskill Veterinary Services, PLLC

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 is < 0.5, the attenuation and contrast enhancement pattern is uniform.

REFERRING VET

Dr. Sarah Wright

The salivary glands present within normal limits.

Hypodontia is noted. The triadans 108 and 310 are absent.

INVOICE

59045

Neck

The larynx presents within normal limits.

DATE

6-27-23

Tracheal intubation is present. The trachea presents minimal redundancy of its dorsal tracheal ligament in the cervical area. No evidence of dynamic tracheal disease or significant wall alterations is noted.



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

Bella Sanchez The cervical lymph nodes present within normal limits.

Thorax

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

Canine

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.

BREED

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

SEX

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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.

AGE

8 Years, 7 Months

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

COMPUTED TOMOGRAPHIC DIAGNOSIS

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- Minimal fluid accumulation within the nasal cavities.
- Normal CT presentation of the larynx, trachea, bronchial tree, and lung.
- No CT evidence of cardiovascular pathology.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

HOSPITAL NAME

Catskill Veterinary Services, PLLC

The CT study reveals minimal fluid accumulation within both nasal cavities. Nondestructive rhinitis, acute irritation, and epistaxis are potential differential diagnoses. The changes are very mild, and it is not likely that they fully explain the clinical signs.

The CT presentation of the brain is within normal limits.

REFERRING VET

Dr. Sarah Wright

The cardiovascular system presents within normal limits. However, the sensitivity of CT is limited, especially regarding arrhythmic disease and other hemodynamically significant changes. Cardiologist consultation with ECG and Echo could be considered depending on the clinical correlation.

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REFERRING VET

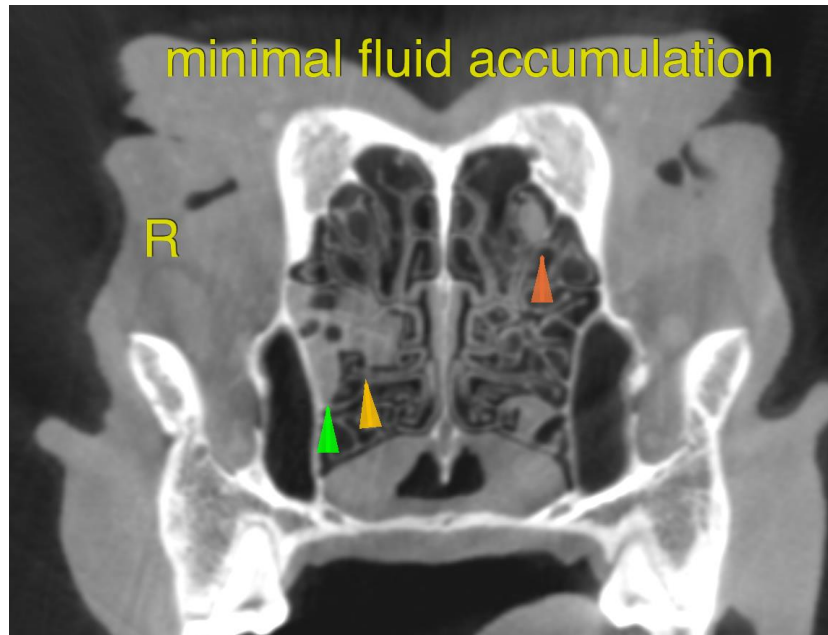
Dr. Sarah Wright

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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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