



PATIENT PRESENTING CLINICAL SIGNS

Vader Nelson History: History of troubled breathing
Abnormal PE/Chem/CBC/UA Results:

SPECIES COMPUTED TOMOGRAPHIC STUDY OF THE SKULL & THORAX

Canine A high resolution pre- and post-contrast CT study of the skull and abdomen and a post-contrast CT study of the thorax are provided for review.

BREED COMPUTED TOMOGRAPHIC FINDINGS

French Bulldog **Skull**

SEX Triadan 208, 311, 408 and 411 are absent. Triadan 305 is impacted in the alveolar bone and associated with a small geographic osteolytic lesion. Rotation of the maxillary premolar teeth is appreciated.

Neutered Male The nasal cavity presents the expected aerated spaces between thin & even conchae and turbinates with smooth mucosal lining. Mild caudal aberrant conchal growth is appreciated. The soft palate is mildly thickened. The nasopharyngeal ostium appears narrowed.

AGE 4 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 Both tympanic bullae are filled with non-contrast enhancing soft tissue material. The osseous lining of both tympanic bullae is smooth and breed specific thickened. The external ear canals are within normal limits.

HOSPITAL NAME Scottsdale VC 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.

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 Thorax

Dr. Kerby Multiple hemivertebra are appreciated along the thoracic spine. Multiple intervertebral discs along the thoracic spine present mild mineralization of the intervertebral discs.

INVOICE 18967 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 is uniform and considered within normal limits.

DATE 12/1/22 The cardiovascular structures including the pulmonary vasculature are within normal limits.



PATIENT

Vader Nelson

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.

SPECIES

Canine

A small amount of chymus and gas is seen in the esophagus.

BREED

French Bulldog

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Suspect stenotic intrapharyngeal ostium
- Mild thickened soft palate
- Mild caudal aberrant conchal growth
- Bilateral otitis media – suspect primary secretory
- Impacted triadan 305 with small retention cyst formation
- Multiple absent teeth
- Multiple hemivertebra thoracic spine
- Multifocal chondroid disc degeneration along the thoracic spine

SEX

Neutered Male

AGE

4 Years

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The narrowed nasopharyngeal ostium might be caused by abnormal thickening of the nasopharyngeal muscles and is considered as a congenital disorder – the finding needs to be confirmed by inspection of the pharynx and if confirmed, surgical management is recommended.

INTERPRETED BY

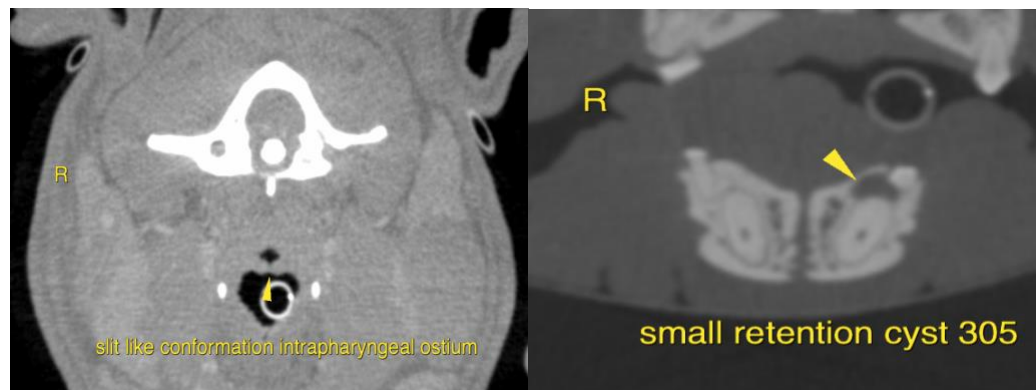
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HOSPITAL NAME

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REFERRING VET

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PATIENT

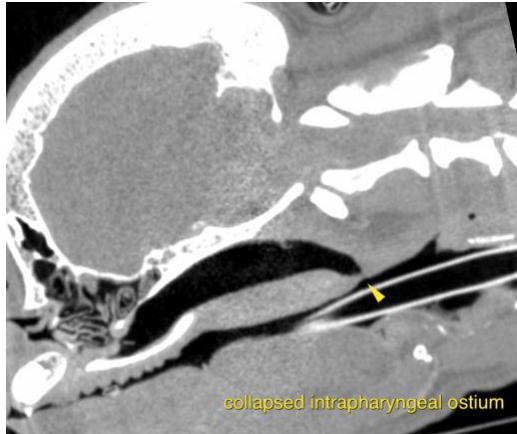
Vader Nelson

SPECIES

Canine

BREED

French Bulldog



SEX

Neutered Male

AGE

4 Years

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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