



PATIENT

Odin Hernandez

SPECIES

Canine

BREED

Boxer

SEX

Male Neutered

AGE

5

WEIGHT

35.0kg

INTERPRETED BY

Tilde Rodrigues Froes,
DMV, MSc., Dr. Med
Vet., Dipl. CBraRVet

IMAGING PERFORMED BY

Matthew O'Neil

HOSPITAL NAME

Westford Veterinary
Emergency and
Referral Center

REFERRING VET

Mallory Watson

INVOICE

73938

DATE

2-25-26

PRESENTING CLINICAL SIGNS

- Unable to intubate during scheduled dental procedure. (~12/15/25) Had dental one year prior with no issues. Technician attempted to use same size tube previously used and smaller size. DVM also attempted to intubate, but tube would not advance past arytenoid's, which were clearly visualized. Did not want to perform traumatic intubation so patient's anesthesia reversed and woken up.

Abnormal PE/Chem/CBC/UA Results: None

COMPUTED TOMOGRAPHIC STUDY OF THE HEAD & THORAX

A pre- and post-contrast CT study of the head and thorax is provided for review, totaling two series: one pre-contrast series (bone algorithm) and one delayed post-contrast series (bone algorithm).

COMPUTED TOMOGRAPHIC FINDINGS

HEAD

The soft palate is mildly thickened and exhibits a slightly irregular contour, resulting in narrowing of the nasopharyngeal lumen. No clear contrast-enhancing mass lesion is identified in this region.

The dorsal wall of the nasopharynx, corresponding to the soft tissue paravertebral layer of the deep cervical fascia, is also mildly irregular.

The laryngeal cartilages (thyroid and cricoid) are within normal limits. However, the laryngeal lumen is subjectively reduced in diameter at the level of the arytenoid region. No discrete intraluminal mass or mineralized obstruction is identified.

The cervical trachea is unremarkable.

The cervical esophagus is mildly distended with gas, considered incidental.

The nasal cavities and turbinates are within normal limits. An incidental aberrant turbinate is present within the right choana.

The frontal sinuses are rudimentary, consistent with breed conformation.

The cribriform plate is intact.

The calvarium, facial bones, and skull base are normal in contour, attenuation, and integrity. No intracranial mass effect, midline shift, or ventriculomegaly is observed.

The tympanic bullae are air-filled with normal wall thickness and contour. The external auditory canals are unremarkable.

The globes and retrobulbar spaces are within normal limits.

The medial retropharyngeal and mandibular lymph nodes are within normal limits.

The mandibular, parotid, and zygomatic salivary glands are unremarkable.



PATIENT

Odin Hernandez

SPECIES

Canine

BREED

Boxer

SEX

Male Neutered

AGE

5

WEIGHT

35.0kg

INTERPRETED BY

Tilde Rodrigues Froes,
DMV, MSc., Dr. Med
Vet., Dipl. CBraRVet

IMAGING PERFORMED BY

Matthew O'Neil

HOSPITAL NAME

Westford Veterinary
Emergency and
Referral Center

REFERRING VET

Mallory Watson

INVOICE

73938

DATE

2-25-26

Triadan 311 and 411 are absent. The patient exhibits mandibular prognathism, consistent with breed characteristics.

The temporomandibular joints are bilaterally congruent.

THORAX

The trachea and principal bronchi are within normal limits.

The pulmonary parenchyma demonstrates normal attenuation. No pulmonary nodules, masses, or micronodules are identified.

The bronchial tree shows normal branching and tapering. Bronchial walls are thin and smooth, with a normal bronchus-to-artery ratio.

The cardiac silhouette and pulmonary vasculature are within normal limits. Post-contrast vascular opacification is adequate.

The sternal, cranial mediastinal, and tracheobronchial lymph nodes are unremarkable.

The pleural space, diaphragm, and thoracic wall are within normal limits.

The thoracic esophagus is unremarkable.

There are multifocal complete and incomplete bridging spondylosis deformans lesions affecting multiple thoracic, thoracolumbar, and lumbar vertebral endplates.

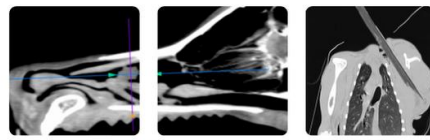
In the collimated portion of the abdomen, at the level of the splenic head, there is mild focal bulging of the contour, suggestive of a possible nodule measuring approximately 1.7 cm.

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Mild thickening and irregularity of the soft palate with associated mild narrowing of the nasopharynx. Mild irregularity of the dorsal nasopharyngeal wall (paravertebral layer of the deep cervical fascia), without clear evidence of a contrast-enhancing mass lesion. Differential diagnoses include pharyngitis, inflammatory disease, and less likely, infiltrative neoplasia.
- Subjectively reduced laryngeal lumen at the level of the arytenoid cartilages. Differential diagnoses include individual anatomic variation and changes associated with brachycephalic airway syndrome.
- Incidental aberrant turbinate within the right choana.
- Mandibular prognathism and absence of Triadan 311 and 411.
- Multifocal thoracic and thoracolumbar spondylosis deformans (incidental degenerative changes).
- Normal intrathoracic structures. No evidence of an intrathoracic mass, pulmonary disease, or mediastinal abnormality.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The CT findings demonstrate mild soft palate thickening, mild irregularity of the dorsal nasopharyngeal wall, and a subjectively narrowed laryngeal lumen at the level of the arytenoid cartilages. Differential diagnoses include pharyngitis, inflammatory disease, and less likely, infiltrative neoplasia. For the



PATIENT

Odin Hernandez

SPECIES

Canine

BREED

Boxer

SEX

Male Neutered

AGE

5

WEIGHT

35.0kg

INTERPRETED BY

Tilde Rodrigues Froes,
DMV, MSc., Dr. Med
Vet., Dipl. CBraRVet

IMAGING PERFORMED BY

Matthew O'Neil

HOSPITAL NAME

Westford Veterinary
Emergency and
Referral Center

REFERRING VET

Mallory Watson

INVOICE

73938

DATE

2-25-26

Subjectively reduced laryngeal lumen at the level of the arytenoid cartilages, consider concurrent individual anatomic variation.

In conjunction with the patient's brachycephalic conformation, these changes may have contributed to the reported difficulty in advancing the endotracheal tube. However, dynamic airway conditions such as laryngeal collapse or functional airway narrowing cannot be fully assessed with static CT imaging.

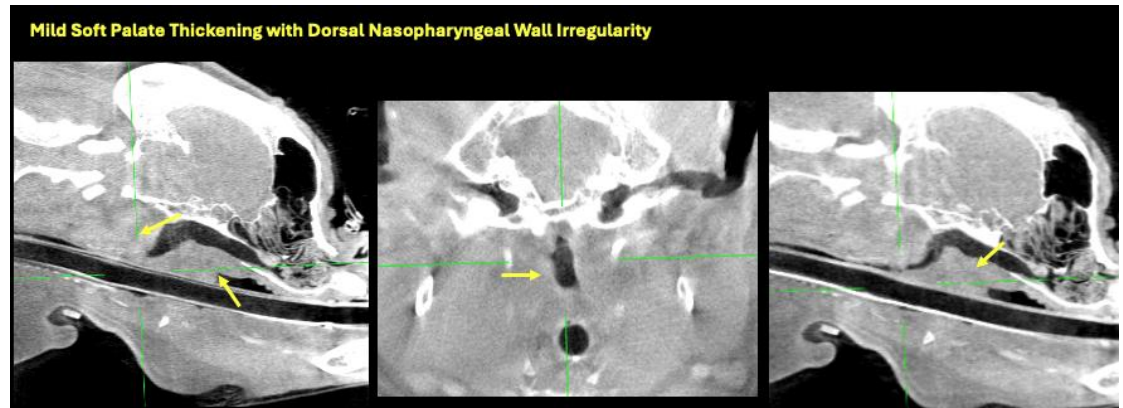
If clinically indicated, direct laryngoscopy evaluation with assessment of the soft palate directly and arytenoid motion under light anesthesia is recommended.

No intrathoracic abnormalities are identified.

In the collimated portion of the abdomen, at the level of the splenic head, there is mild focal bulging of the contour, suggestive of a possible nodule. Consider further evaluation of the spleen with abdominal ultrasound.

TECHNICAL COMMENTS

Image acquisition was limited to a delayed post-contrast phase. Arterial and portal venous phase series were not obtained, which may limit full characterization of contrast enhancement patterns.





PATIENT

Odin Hernandez

SPECIES

Canine

BREED

Boxer

SEX

Male Neutered

AGE

5

WEIGHT

35.0kg

INTERPRETED BY

Tilde Rodrigues Froes,
DMV, MSc., Dr. Med
Vet., Dipl. CBraRVet

IMAGING PERFORMED BY

Matthew O'Neil

HOSPITAL NAME

Westford Veterinary
Emergency and
Referral Center

REFERRING VET

Mallory Watson

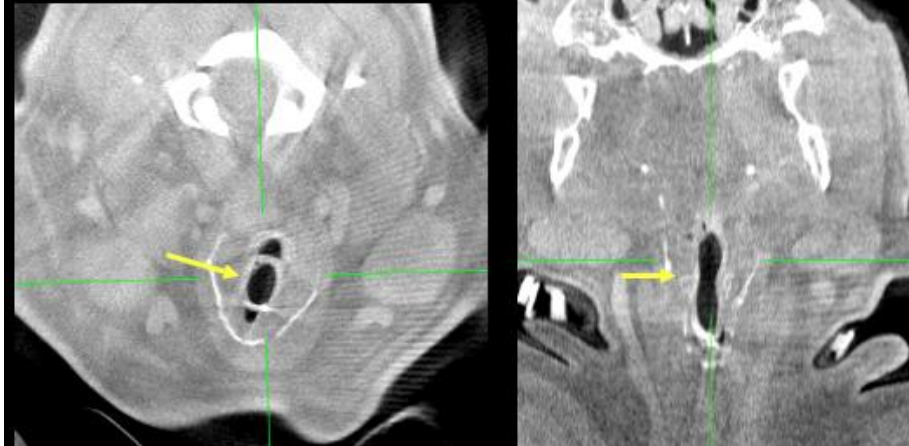
INVOICE

73938

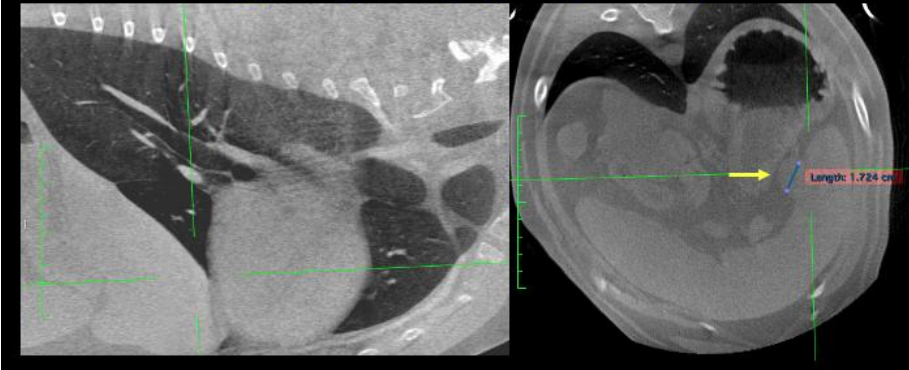
DATE

2-25-26

Subjectively reduced laryngeal lumen at the level of the arytenoid cartilages



Mild Focal Contour Bulging of the Splenic Head (Suspected Splenic Nodule). Normal thorax



The information and recommendations provided are based on the images presented by the referring veterinarian. 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.

Tilde Rodrigues Froes, DMV, MSc., Dr. Med.Vet., Dipl.CBraRVet
info@sonopath.com