



PATIENT PRESENTING CLINICAL SIGNS

Nena Marquez Approx 2 month history of progressively worsening stertorous airway sounds especially when pet is panting/worked up, no cough on palpation of trachea - but o describes hacking at home. Suspected elongated soft palate visualized during intubation.

SPECIES COMPUTED TOMOGRAPHY OF THE SKULL & THORAX

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

BREED COMPUTED TOMOGRAPHIC FINDINGS

Yorkshire Terrier Skull

SEX The tooth element 305 is absent. Triadan 209 presents a moderate widening of the periodontal space. A moderate amount of mineralized material is attached to the crowns of the premolar and molar teeth.

FS The nasal cavity presents the expected aerated spaces between thin & even conchae and turbinates with smooth mucosal lining. The soft palate is displaced dorsally by the endotracheal tube and the level of the caudal ending cannot be clearly specified.

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

INTERPRETED BY The right tympanic bulla is filled with uniform soft tissue attenuating material and the osseous lining is mildly thickened with small moth eaten osteolytic lesions. The soft tissue material is mildly bulging into the most medial aspect of the right external ear canal. The left external ear canal is within normal limits.

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

HOSPITAL NAME 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.

Mobile Pet Imaging CFL 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 The pictured parts of the neck are within normal limits.

Borecky Thorax

Level with the intervertebral disc space T9/T10 mild mineralized disc material is mildly protruding into the vertebral canal.

INVOICE 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.

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

3-2-22



PATIENT 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.

Nena Marquez

The lung parenchyma presents the expected architecture and attenuation behavior.

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

Canine

COMPUTED TOMOGRAPHIC DIAGNOSIS

BREED

Yorkshire Terrier

- Right sided otitis media
- Periodontal disease 209
- Absent triadan 305
- Dental tartar
- Normal nasal cavity
- Normal thorax, but mild intervertebral disc protrusion T9T/10 without compressive myelopathy

SEX

FS

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

AGE

6.5 Years

The current CT study of the skull and thorax presents no specific abnormality, explaining the described clinical signs.

Bronchoscopy including BAL might be used to screen for inflammatory lower disease, not appreciated by CT. Bronchoscopy will also allow evaluation of the lower airways to rule out tracheal collapse completely, that might be masked by the used positive pressure breath hold technique.

INTERPRETED BY

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Recommend otoscopic evaluation of the right external ear canal to check for polypoid material versus mass. Myringotomy might be used as advanced diagnostic test for draining and flushing the right middle ear.

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Nena Marquez

SPECIES

Canine

BREED

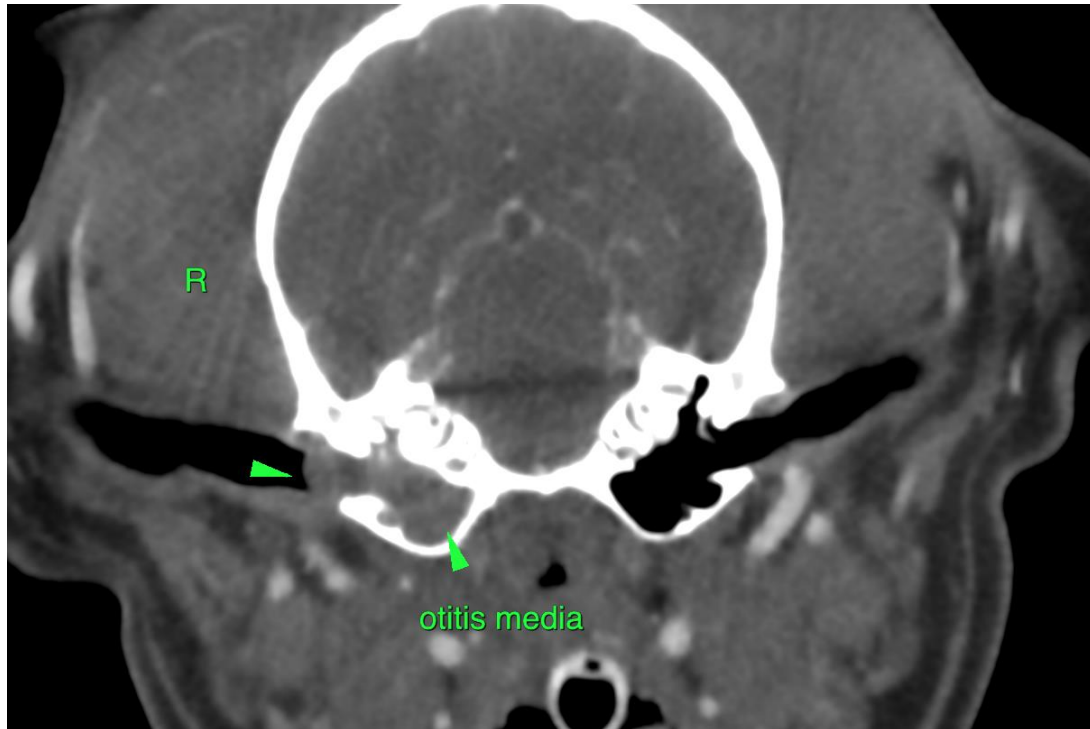
Yorkshire Terrier

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AGE

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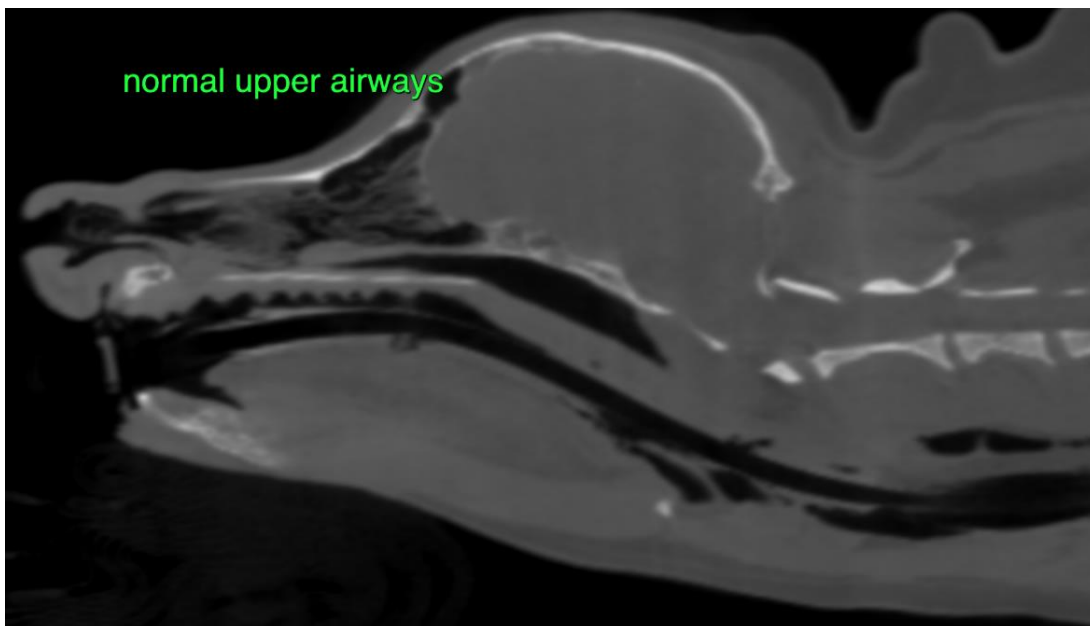
Borecky

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PATIENT

Nena Marquez

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.

SPECIES

Canine

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.

Sebastian Schaub, Sebastian Schaub, DVM, Dr. med. vet. DipECVDI
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BREED

Yorkshire Terrier

SEX

FS

AGE

6.5 Years

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