



PATIENT PRESENTING CLINICAL SIGNS

Rex Griffin Pond Hx of shaking head, 1 seizure episode on 4/27/23, ptyalism, 2 week hx of circling, tremoring, and running into walls
 Abnormal PE/Chem/CBC/UA Results: Patient appears to be blind Ptyalism Tremors Unable to stand

SPECIES

Canine

COMPUTED TOMOGRAPHIC STUDY OF THE HEAD AND THORAX

A pre- and post-contrast study of the head and thorax. are provided for review. One pre-contrast series of the head, one post-contrast series of the head, and one post-contrast series of the thorax

BREED

Pit Bull

COMPUTED TOMOGRAPHIC FINDINGS

Head

SEX

The brain has normal attenuation; no mass effect is identified.

MI

The auditory ear canal wall is bilaterally severely thickened with multifocal mineralized regions. Also, the ear canal is irregular and reduced in diameter. The thickening is more severe on the left side. The tympanic bullae are air-filled, normal in shape, without lysis or sclerosis.

AGE

3

In the cervical soft tissue region, an ill-defined soft tissue attenuation mass effect is seen in the oropharyngeal topographic region, more in the left side, adjacent to the tonsillar region. The lesion measures approximately 1.3cm thick and is mildly elongated in shape.

INTERPRETED BY

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

Multiple cervical lymph nodes are moderately enlarged, more rounded shape, and exhibit homogeneous attenuation and enhancement. The enlarged lymph nodes are the retropharyngeal, mandibular, and superficial cervical lymph nodes, bilaterally. The choana is normal.

The nostrils and nasal cavities are normal. The turbinate architecture and symmetry are normal. The frontal sinuses are symmetrical and air-filled.

HOSPITAL NAME

Northeast Veterinary Referral Hospital

The retrobulbar spaces normal.

The cribriform plate is normal.

Bilaterally, the temporomandibular joints are congruent.

REFERRING VET

Dr. Runde

The maxillary and mandibular teeth are normal. All teeth are present.

Thorax

One sternal lymph node is mildly enlarged, and an axillary lymph node is also mildly enlarged.

INVOICE

58018

The trachea is normal in luminal diameter and position.

The lumen of the main bronchus is normal.

DATE

4-27-23



PATIENT Rex Griffin Pond
 There is a mild ground glass attenuation in the left cranial lung lobe associated with reduced volume expansion and ipsilateral mediastinal shift and corresponds to passive atelectasis. The remaining lung lobes are normal in attenuation. No soft tissue nodules or pulmonary masses are seen.

SPECIES
 The cardiac silhouette and pulmonary vessels are normal. The contrast media adequately fills the cardiac chambers and vessels on post-contrast series.

CANINE
 The cranial mediastinal and tracheobronchial lymph nodes are normal.
 The pleural space and diaphragm are normal.

BREED
 Pit Bull
 On the collimated abdomen, mildly enlarged para-aortic lymph nodes are also identified; usually, these lymph nodes are not visible.

COMPUTED TOMOGRAPHIC DIAGNOSIS

- SEX** MI
 - Normal brain attenuation and no mass effect is identified.
 - Ill-defined mass effect in the left side tonsillar region; the differential diagnosis includes tonsillar inflammation, pharyngitis, or a correlated infiltrative neoplastic disease.
 - Multiple chains of mildly enlarged peripheral lymph nodes in different body regions, mainly in the cervical region, could indicate systemic disease. The differential diagnosis includes round cell neoplasms, for example, lymphoma, or less likely, reactive hyperplasia (general immune response).
- AGE** 3
 - Mildly enlarged sternal and para-aortic lymph nodes.
 - Chronic otitis externa with variable canal stenosis.
 - Otherwise, normal thorax.

INTERPRETED BY

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

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

No tomographic changes are detected in the brain attenuation (or mass effect) that could be correlated to the neurological clinical signs. However, the tomography's sensibility is low compared to MRI. A mass effect in the oropharynx tonsillar region can explain the clinical signs of ptyalism, and the association of this finding with a chain of enlarged lymph nodes increases the possibility of systemic neoplasms, for example, round cell neoplasms such as lymphomas. A fine-needle aspiration of any attainable enlarged peripheral lymph node for cytologic exam is suggested for the next-step approach to diagnosis. Alternatively, a laryngoscopy or cervical ultrasound could be used as a follow-up approach for better analysis of the tonsillar region as well as an otoscopy exam.

HOSPITAL NAME

Northeast Veterinary
 Referral Hospital

REFERRING VET

Dr. Runde

INVOICE

58018

DATE

4-27-23



PATIENT

Rex Griffin Pond

SPECIES

Canine

BREED

Pit Bull

SEX

MI

AGE

3

INTERPRETED BY

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

HOSPITAL NAME

Northeast Veterinary
Referral Hospital

REFERRING VET

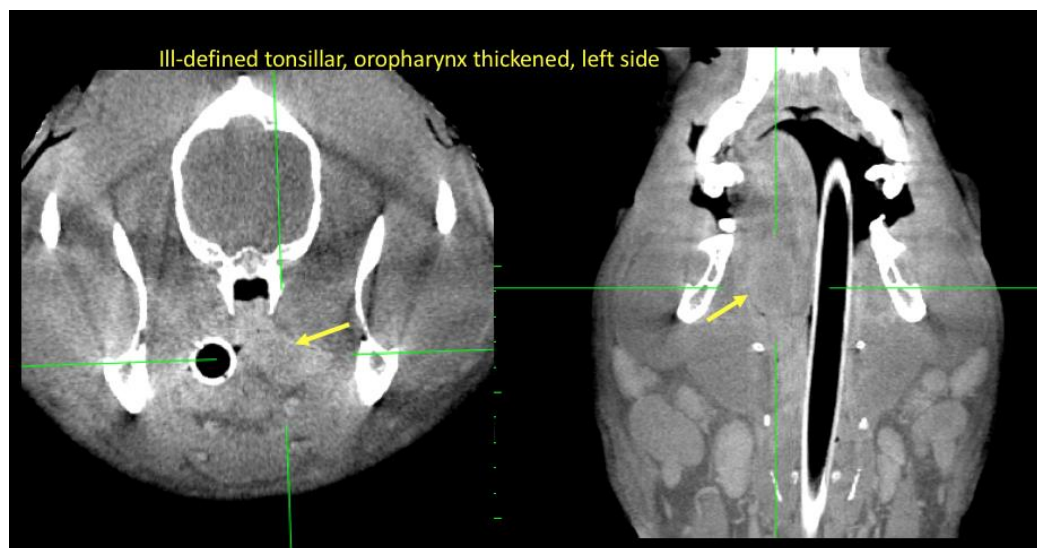
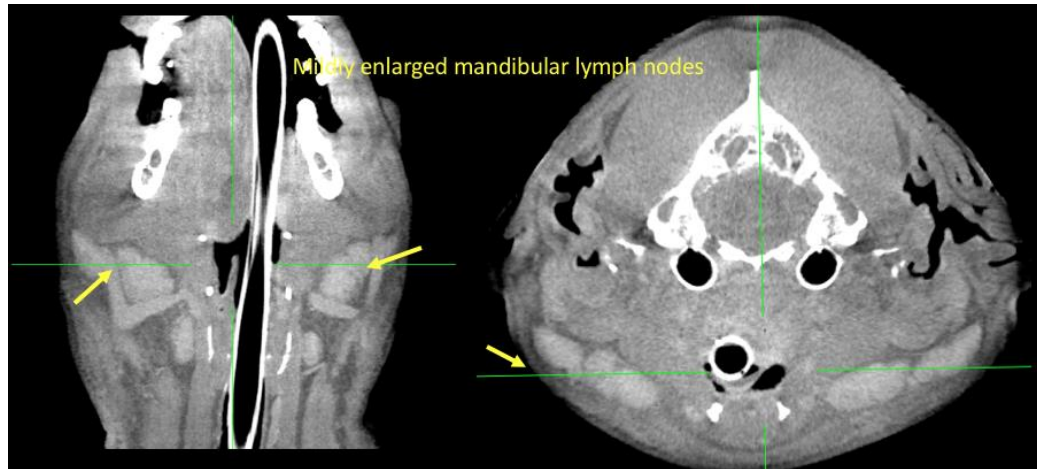
Dr. Runde

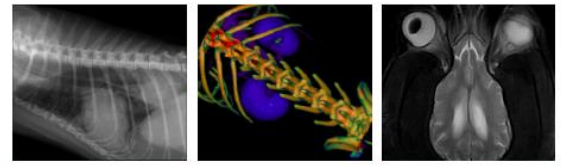
INVOICE

58018

DATE

4-27-23





PATIENT

Rex Griffin Pond

SPECIES

Canine

BREED

Pit Bull

SEX

MI

AGE

3

INTERPRETED BY

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

HOSPITAL NAME

Northeast Veterinary
Referral Hospital

REFERRING VET

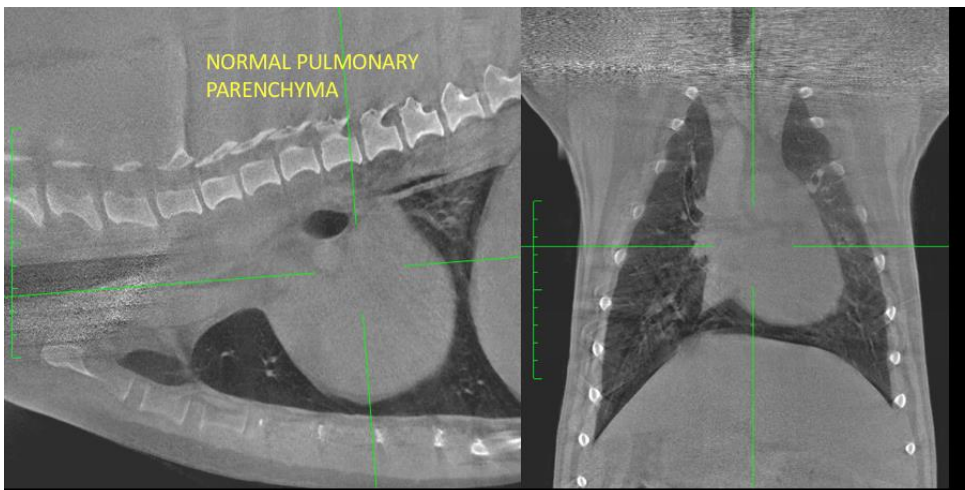
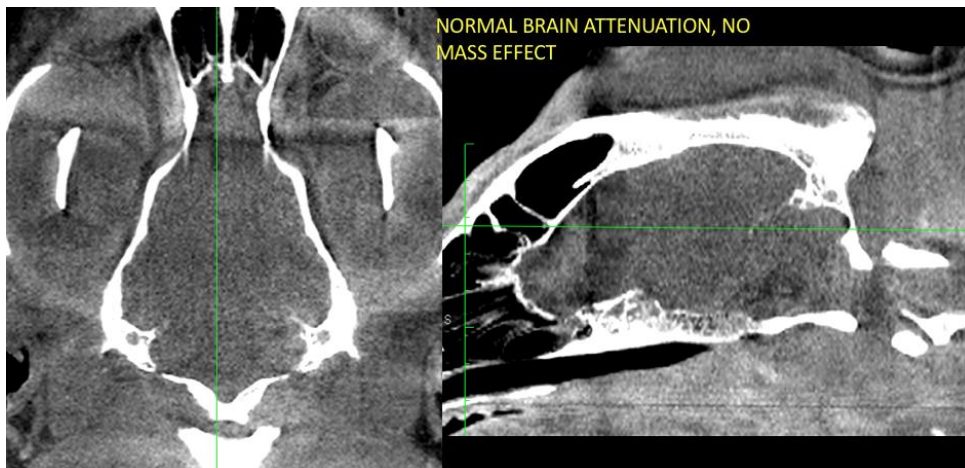
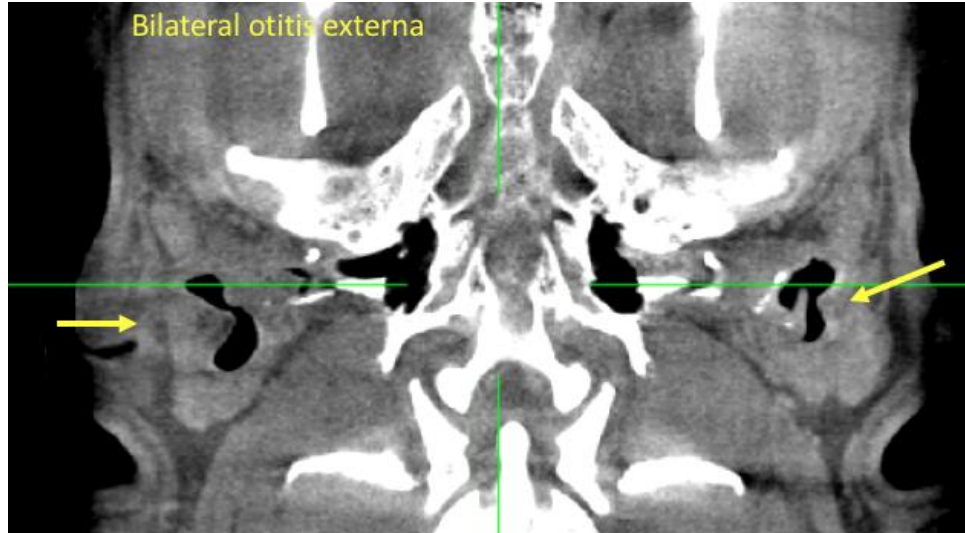
Dr. Runde

INVOICE

58018

DATE

4-27-23





PATIENT

Rex Griffin Pond

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.

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.

BREED

Pit Bull

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

SEX

MI

AGE

3

INTERPRETED BY

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

HOSPITAL NAME

Northeast Veterinary
Referral Hospital

REFERRING VET

Dr. Runde

INVOICE

58018

DATE

4-27-23