



PATIENT

Coby Corales

PRESENTING CLINICAL SIGNS

PT had neurological episode on oct 12th Stretched out and stiff, ur+/bm+ on self on bed during episode At home spacing out and seems disorientated
 Abnormal PE/Chem/CBC/UA Results: Chem K- 3.3 L (3.5-5.8) Glucose - 193 H (74-143) CBC
 WBC - 20.07 H (5.05-16.76) PCT - 0.52% H (0.14-0.46)

SPECIES

Canine

COMPUTED TOMOGRAPHIC STUDY OF THE HEAD, NECK, THORAX, & ABDOMEN

Plain and post contrast studies of the head, neck, thorax, & abdomen available for review.

BREED

Chihuahua

COMPUTED TOMOGRAPHIC FINDINGS

Abdomen

The serosal fat presents normal attenuation behavior. There is no evidence of peritoneal effusion or peritonitis.

SEX

Male Neutered

Both kidneys present within normal limits for size, shape and organ architecture. After contrast administration a bilaterally symmetric and uniform nephro- and pyelogram is noted.

AGE

6 Years

The adrenal glands are within normal limits for size, shape and organ architecture.

The spleen presents with normal shape, even surface, uniformly attenuating parenchyma and homogeneous contrast enhancement, unremarkable.

INTERPRETED BY

Nele Eley, DVM
 Dr. med. Vet. DipECVDI

Mild generalized enlargement of the liver is noted.

The pancreas is evenly contoured, the pancreatic parenchyma is homogeneous and presents uniform contrast enhancement.

HOSPITAL NAME

Animal Clinic of
 Queens

The position, delineation, wall and content of the gastrointestinal tract are considered within normal limits throughout.

The bony and surrounding soft tissue structures reveal no abnormalities.

REFERRING VET

Dr. Thomas

Thorax

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

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.

INVOICE

54694

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

DATE

10-18-22

There is mild dorsoventral flattening of the cervical trachea.

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.

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The lung parenchyma presents the expected architecture and attenuation behavior.

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

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Neck

The cervical spine presents within normal limits except for focal mineralization of the intervertebral disc C3/4.

BREED

Chihuahua

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

The cervical lymph nodes and axial musculature present within normal limits.

SEX

Male Neutered

Head

The patient has a brachycephalic head conformation.

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. The pituitary gland presents within normal limits.

AGE

6 Years

INTERPRETED BYNele Eley, DVM
Dr. med. Vet. DipECVDI

Thin and smoothly folded conchae and turbinates with even smooth mucosal lining. The osseous lining of the nasal cavities is intact.

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

HOSPITAL NAMEAnimal Clinic of
Queens

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. Thomas

The salivary glands present within normal limits.

The visible dentition is within normal limits.

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- COMPUTED TOMOGRAPHIC DIAGNOSIS**
- Normal CT findings of the brain.
 - Mild hepatomegaly.
 - Suspect mild dynamic tracheal disease.

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The CT study does not reveal evidence of structural brain injury. The negative CT findings support the potential of primary epilepsy. However, complementary csf analysis should be performed in order to rule out inflammatory/infectious encephalopathy.

Differential diagnoses for the mild hepatomegaly include vacuolar degeneration, metabolic/endocrine hepatopathy, hepatitis, and less likely diffuse infiltrative disease. Correlate with the laboratory values.



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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