



**PATIENT PRESENTING CLINICAL SIGNS**

Fisher Ioannou Two weeks ago became acutely painful in his neck and would not bend down, reduced neck range of motion. Improved after few days of rest and NSAIDs, but has not returned to normal. Still having neck pain. Also found to have markedly low platelet number (<30,000 repeatedly).

**SPECIES** Concern for immune-mediated thrombocytopenia. CT to assess for cause of neck pain and screen for any causes of thrombocytopenia / ITP.

Canine Abnormal PE/Chem/CBC/UA Results: Plts~8,000 (markedly decreased). rest of CBC and chem normal. 4DX negative Tick PCR panel pending Mild cervical pain Mild scleral hemorrhage OS Mild bruising intra-orally, left sided, caudal oropharynx

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

Labrador Retriever Plain and post contrast studies in soft tissue, bone, and lung windows available for review.

**SEX COMPUTED TOMOGRAPHIC FINDINGS**

**MN Head & Neck**

**AGE** 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.

3

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

**INTERPRETED BY**

Nele Eley, DVM  
Dr. med. Vet. DipECVDI

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

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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. Ashley Gold

The salivary glands present within normal limits.

The visible dentition is within normal limits.

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Number, alignment, and anatomy of the cervical vertebrae present within normal limits. There is no evidence of discospondylitis, traumatic osseous injury, or aggressive bone lesions.

**Thorax**

**DATE**

6-8-22

A small area of fat stranding is seen in the subcutis to the left of the midline level with the mid thoracic spine.

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



**PATIENT** uniform and considered within normal limits.

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

**SPECIES** 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.

Canine The lung parenchyma presents the expected architecture and attenuation behavior.

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

Labrador Retriever

**Abdomen**

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

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

3 Both liver and spleen present with normal shape, even surface, uniformly attenuating parenchyma and homogeneous contrast enhancement, unremarkable.

**INTERPRETED BY**

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

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

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The bony and surrounding soft tissue structures reveal no abnormalities.

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

- Normal CT findings of the head, neck, thorax, and abdomen.

**REFERRING VET**

Dr. Ashley Gold

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The CT study reveals no evidence of structural pathology in the neck/cervical spine. Compressive or other myelopathy including meningitis remains a potential.

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The CT findings of the thorax and abdomen as well as of the head were within normal limits.

The superficial and deep lymph nodes were within normal limits.

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**PATIENT**

Fisher Ioannou

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.

**BREED**

Labrador Retriever

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**SEX**

MN

**AGE**

3

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