



**PATIENT PRESENTING CLINICAL SIGNS**

Tucker Wiles Refer to the imaging request form attached.

**COMPUTED TOMOGRAPHIC STUDY OF THE THORAX & ABDOMEN**

**SPECIES**

Canine

Plain and post contrast studies of both thorax and abdomen available for review.

**COMPUTED TOMOGRAPHIC FINDINGS**

**BREED**

Greyhound

**Thorax**

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

**SEX**

Neutered Male

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.

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

**AGE**

9 Years

A single 3.6 x 2.6 cm sized soft tissue attenuating nodule with ill-defined margins is seen in the caudodorsal aspect of the left caudal lung lobe dorsal to its main lobar bronchus. The remainder of the lung presents a mild generalized bronchointerstitial pattern which is considered within age related normal limits. No additional nodules or masses are seen.

**INTERPRETED BY**

Nele Eley (Ondreka),  
DVM Dr. med. vet.,  
DipECVDI

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

**Abdomen**

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

**HOSPITAL NAME**

Mobile Pet Imaging

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.

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

**REFERRING VET**

Meaux

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

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

**INVOICE**

51133

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

**DATE**

3-24-22

The lymph nodes within the hypogastrium present within normal limits. Mild prominence of the ceco-colic lymph nodes is seen.



**PATIENT COMPUTED TOMOGRAPHIC DIAGNOSIS**

Tucker Wiles

- Single large soft tissue attenuating interstitial nodule within the left caudal lung lobe.
- Mild ceco-colic lymphadenomegaly.
- History of Sertoli cell tumor.

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**INTERPRETATION OF FINDINGS & FURTHER RECOMMENDATIONS**

The CT study reveals a single large interstitial nodule within the caudodorsal aspect of the left caudal lung lobe. The CT findings meet neoplastic criteria. Granuloma, abscess, hematoma, and cysts are thought highly unlikely as differential diagnoses. Consider metastatic disease of the Sertoli tumor a potential as well as primary neoplasia of the lung such as carcinoma and less likely round cell neoplasia or other secondary neoplasia of the lung. Final diagnosis will require histology. Direct thoracotomy with left caudal lung lobectomy could be considered since the changes appear to be limited to the one nodule within the left caudal lung lobe at this time.

The ceco-colic lymphadenomegaly is mild and unspecific as well as not necessarily related to the thoracic nodule and Sertoli cell tumor. Reactive hyperplasia is considered more likely than metastatic or other neoplastic disease. Ultrasound guided fine needle aspiration could be considered for further definition.



**PATIENT**

Tucker Wiles

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**

Greyhound

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**SEX**

Neutered Male

**AGE**

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