

**PATIENT**

Molly Wilson

PRESENTING CLINICAL SIGNS

Pet presented to regular vet on 10/5/21 for a dry, hacking cough of 4-6 weeks in duration. A chest x-ray revealed a mass in the cranial thorax and the patient was referred for a CT scan. Abnormal PE/Chem/CBC/UA Results: Previous BW done 8/2021 showed increased LE : ALT 178 (16-121), ALP 244 (5-150).

SPECIES

Canine

COMPUTED TOMOGRAPHY OF THE THORAX

A high resolution pre- and post-contrast CT study of the thorax is provided for review.

BREED

Shih Tzu

COMPUTED TOMOGRAPHIC FINDINGS

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

SEX

FS

The right tracheobronchial lymph nodes are prominent, homogeneous soft tissue attenuating and contrast enhancing.

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

AGE

14 Years

In the right cranial lung lobe, a well-defined, ovoid shaped, homogeneous soft tissue attenuating and heterogeneous contrast enhancing mass is visible, measuring 3.9 x 2.1 x 3.4 cm in size. The accompanying first degree bronchus is distorted and presents a scalloping of the wall level with the mass. The remainder of the lung parenchyma present the expected architecture and attenuation behavior.

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

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

HOSPITAL NAME

Wilson Veterinary
Hospital

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Solitary pulmonary mass, right cranial lung lobe
- Lymphadenopathy right tracheobronchial lymph node
- No evidence of pulmonary metastatic spread

REFERRING VET

Humane Society of
Macomb

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The findings are most consistent with primary pulmonary neoplasia originating from the right cranial lung lobe – such as bronchogenic carcinoma. Theoretically pulmonary granuloma (e.g. eosinophilic) is a differential, but considered far less likely. The prominent ipsilateral lymph node is concerning for metastatic spread. FNA sampling of the pulmonary mass by the second right intercostal space can be used to confirm the diagnosis.

INVOICE

48023

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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.

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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