

PATIENT PRESENTING CLINICAL SIGNS

Dynamo Van Gilder

- mass in right caudal lung field - coughing
- No current medications

SPECIES COMPUTED TOMOGRAPHIC STUDY OF THE THORAX

Canine A pre- and post-contrast CT study of thorax are provided for review totaling 2 series. One pre-contrast series of the thorax, bone algorithm. One post-contrast series of the thorax, soft tissue algorithm.

BREED COMPUTED TOMOGRAPHIC FINDINGS

German Shepherd Mix

THORAX

SEX A large, heterogeneous, contrast-enhancing soft tissue mass is present within the right caudal lung lobe, dorsally positioned and abutting the thoracic wall, extending approximately between the 6th and 8th intercostal spaces. The mass measures approximately 4.9 × 4.8 × 4.4 cm.

Female Spayed Adjacent to the primary lesion, a few small satellite soft tissue and ground-glass nodules are identified.

AGE Multifocal parenchymal bands are present in other lung lobes, accompanied by multifocal bronchovascular bundle thickening. At least two additional small subpleural nodules are identified, one in a cranial lung lobe measuring approximately 3.1 mm and one in the left caudal lung lobe measuring approximately 8.7 mm.

INTERPRETED BY Variable-sized pulmonary blebs are also observed within the pulmonary parenchyma.

Tilde Rodrigues Froes, DMV, MSc., Dr. Med Vet., Dipl. CBraRVet The central tracheobronchial lymph node is mild enlarged. The sternal and cranial mediastinal lymph nodes are within normal limits.

HOSPITAL NAME The trachea and mainstem bronchi are anatomically normal.

Pocono Peak Veterinary Center The cardiac silhouette and pulmonary vessels are within normal limits. Post-contrast vascular opacification is adequate.

The pleural space, diaphragm, ribs, and thoracic wall are unremarkable.

REFERRING VET The thoracic esophagus is unremarkable.

Dr. Samantha Thompson C5–C6 incomplete spondylosis deformans is noted.

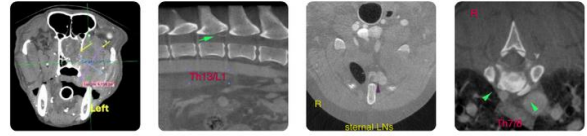
Abdominal Findings (within field of view): At least two small, hypoattenuating cystic nodules are identified within the liver, measuring approximately 5.7 mm and 9.7 mm.

INVOICE Mild hyperattenuating sediment is present within the gallbladder lumen.

73785

DATE

2-17-26



Diagnostic Imaging

Veterinary CT, Ultrasound & Telectology Services
veterinarian referral only

PATIENT COMPUTED TOMOGRAPHIC DIAGNOSIS

Dynamo Van Gilder

SPECIES

Canine

BREED

German Shepherd
Mix

SEX

Female Spayed

- Large, heterogeneously contrast-enhancing mass within the right caudal lung lobe, associated with adjacent satellite nodules. Differential diagnoses include primary pulmonary neoplasia (e.g., pulmonary bronchoalveolar carcinoma, adenocarcinoma, squamous cell carcinoma, or lymphoma). Less likely: granulomatous or infectious disease.
- Multifocal parenchymal bands, multifocal bronchovascular bundle thickening, and additional pulmonary micronodules are present in other lung lobes. The primary differential diagnosis is concurrent metastatic pulmonary disease. For the multifocal parenchymal bands and bronchovascular bundle thickening, a less likely differential diagnosis includes concurrent chronic inflammatory airway disease.
- Mild enlargement of the central tracheobronchial lymph node, consistent with reactive lymphadenopathy or metastatic involvement.
- Multifocal pulmonary blebs.
- Small hypoattenuating cystic hepatic nodules, most consistent with benign cysts or incidental nodular changes.
- Mild biliary sediment.
- C5–C6 spondylosis deformans.

AGE INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

13Y

The CT findings reveal a large, heterogeneously contrast-enhancing mass within the right caudal lung lobe, associated with adjacent satellite nodules. The primary differential diagnoses include primary pulmonary neoplasia (e.g., bronchoalveolar carcinoma, adenocarcinoma, squamous cell carcinoma, or lymphoma).

INTERPRETED BY

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

The presence of additional pulmonary abnormalities is highly suspicious for metastatic pulmonary disease, including the multifocal bronchovascular bundle thickening observed.

Ultrasound-guided fine-needle aspiration or core biopsy of the pulmonary mass is recommended for definitive diagnosis.

HOSPITAL NAME

Pocono Peak
Veterinary Center

Oncologic consultation is advised to discuss prognosis and therapeutic options.

REFERRING VET

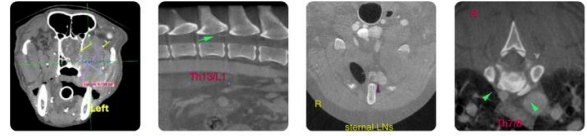
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SonoPath.com | info@sonopath.com | 1 (800) 838-4268
141 Main St, Andover, NJ 07821

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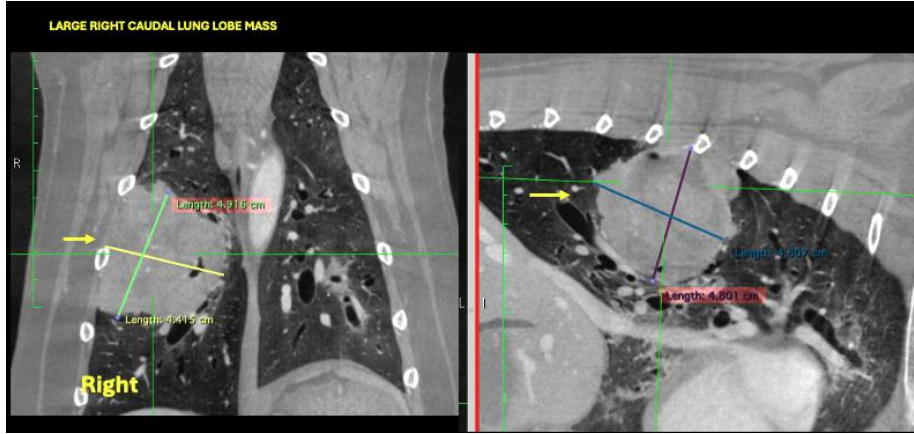
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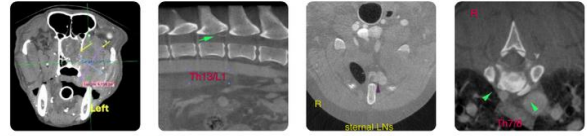
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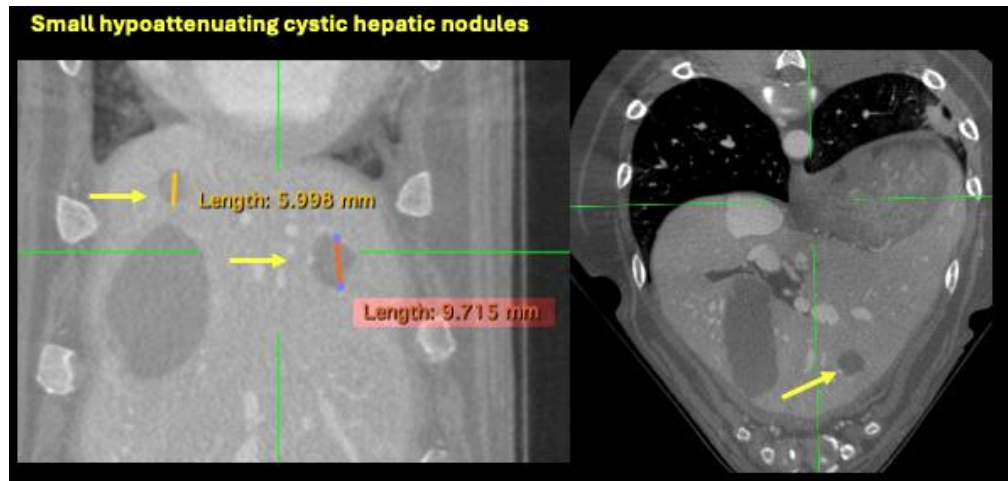
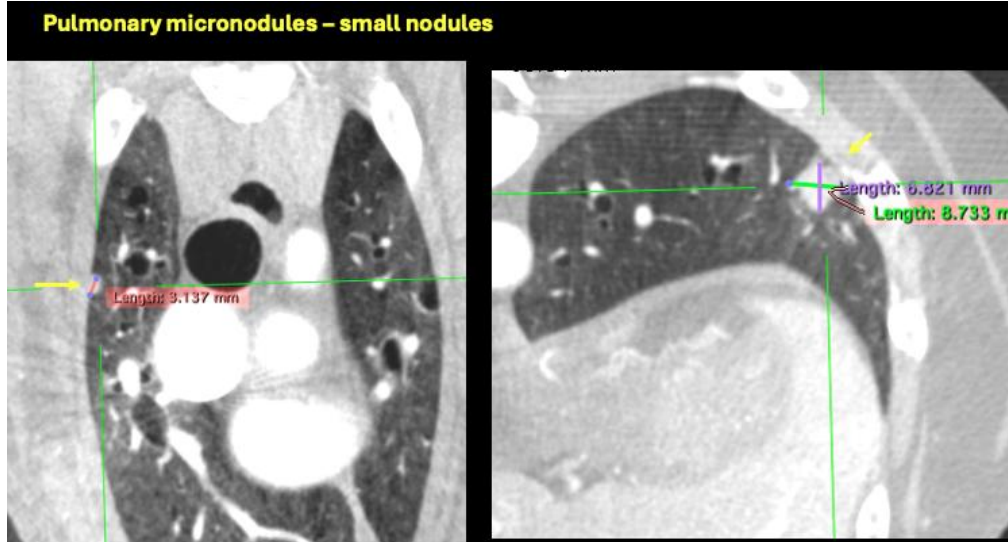
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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