



**PATIENT PRESENTING CLINICAL SIGNS**

Luka Estrada mass started as the size of a small lemon -October 2022: increased growth with more outward extension; consulted with rDVM-recommended monitoring at that time. -April 2023: more rapid mass growth that warranted re-evaluation. -mass never bothered him or ruptured. rDVM left thoracic mass attempted excision; surgery stopped due to concern of multiple muscle invasion/involvement (latissimus dorsi dorsally) Cephalexin, Rimadyl and Gabapentin post-op

**SPECIES** Canine Abnormal PE/Chem/CBC/UA Results: normal Aspirated mass - bloody fluid - no tissue recovered with tru-cut biopsy

**BREED COMPUTED TOMOGRAPHY OF THE THORAX AND ABDOMEN**

Rottweiler A high resolution pre- and post-contrast CT study of the abdomen and a post-contrast CT study of the thorax are provided for review.

**COMPUTED TOMOGRAPHIC FINDINGS**

**SEX** Thorax

MN The intervertebral disc space C6/C7 is moderately narrowed and the respective vertebral endplates present moderate spondylosis formation.

**AGE** In the subcutaneous tissue of the left thoracic wall, level with the 6<sup>th</sup> to 10<sup>th</sup> rib, an ovoid shaped soft tissue mass is seen, measuring 12.0 x 7.8 x 9.8 cm. The surrounding subcutaneous fat presents mild fat-stranding.  
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**INTERPRETED BY** 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 is uniform and considered within normal limits.

Sebastian Schaub, DVM  
Dr. med. vet. DipECVDI

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

**HOSPITAL NAME** 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.

Northeast Veterinary Referral Hospital In the right & left caudal lung lobe, well-defined, soft tissue attenuating nodules are visible, measuring < 4 mm in diameter. Multifocal, randomly distributed punctuate mineralization of the lung parenchyma is seen.

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

Dr. Runde Abdomen

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

58125 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.

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

5-3-23 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



**PATIENT** contrast enhancement.

Luka Estrada Along the small curvature of the stomach, focal thickening of the gastric wall is seen, measuring up to 17 mm in width and focal loss of the rugal folds.

**SPECIES** The bony and surrounding soft tissue structures reveal no abnormalities.

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

Canine

- Subcutaneous soft tissue mass left thoracic wall with mild surrounding steatitis
- Plaque like mural mass small curvature of the stomach
- Structured nodular interstitial lung pattern
- Chronic discopathy C6/C7
- Pulmonary osteomas
- Spondylosis deformans

**BREED**

Rottweiler

**SEX**

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

MN

The findings are fitting the history of soft tissue mass of the left thoracic wall, highly suggestive for sarcoma. Complete surgical excision of the mass is considered feasible, there is no evidence of invasion of the thoracic wall.

**AGE**

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The focal thickening of the gastric wall is concerning for focal neoplastic transformation of the small curvature of the stomach – such as carcinoma, lymphosarcoma. Theoretically focal gastritis ± ulceration of the gastric wall is a potential. Gastroscopy including biopsy can be performed for further definition.

**INTERPRETED BY**

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The pulmonary nodules are highly suggestive for pulmonary metastatic disease.

**HOSPITAL NAME**

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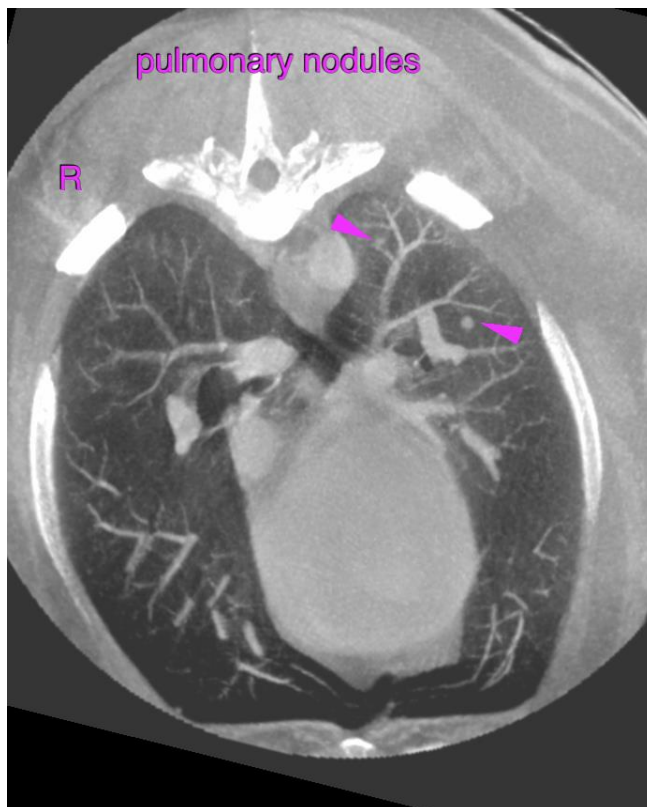
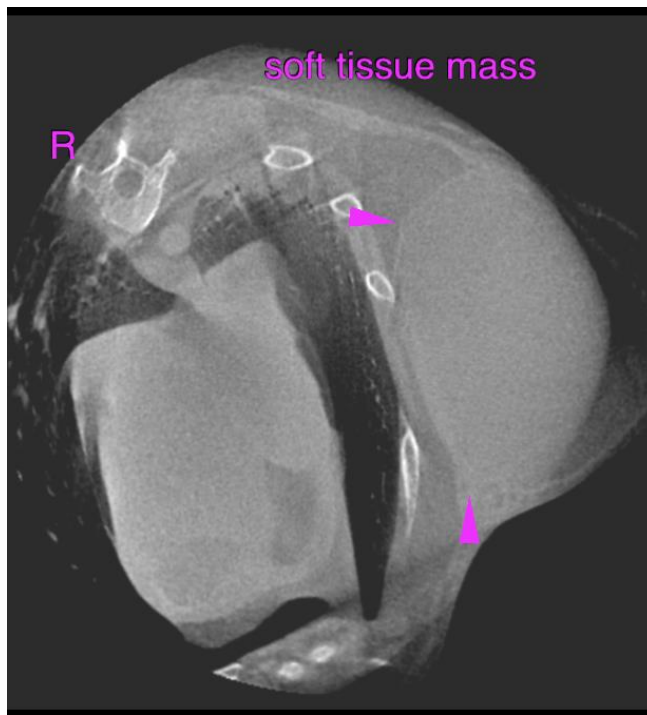
Dr. Runde

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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.

**Sebastian Schaub**, Sebastian Schaub, DVM, Dr. med. vet. DipECVDI  
sebast.schaub@gmail.com

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