



**PATIENT PRESENTING CLINICAL SIGNS**

**Dakota Weisend** History: Dakota presents to MVCT for a thoracic and abdominal CT. Dakota presented to rDVM 3/27/23 for acute anorexia and vomiting. Radiographs showed enlarged liver. U/S was scheduled and a 5-6cm mass was found on right liver lobe. CT to determine if mass is operable. CT of thorax to rule out any metastasis.

**SPECIES**

**Canine** Abnormal PE/Chem/CBC/UA Results: SDMA - 17 (0-14µg/dL) ALT- 250 (10-125 U/L) ALKP- 772 (23-212 U/L) GGT- 13 (0-11 U/L) TBIL- 1.0 (0.0-0.9 mg/dL) CRP - 2.4 (0.0-1.0mg/dL)

**BREED COMPUTED TOMOGRAPHIC STUDY OF THE THORAX AND ABDOMEN**

**Labrador Retriever** A pre- and post-contrast CT study of the thorax and abdomen in a bone and soft tissue reconstruction are provided for review.

**SEX COMPUTED TOMOGRAPHIC FINDINGS**

**Spayed Female** **Thorax**

**AGE**

6

The bony and surrounding soft tissue structures are within normal limits.  
The sternal and cranial mediastinal lymph nodes are enlarged, rounded, uniform soft tissue attenuating and homogeneous mild contrast enhancing.

**INTERPRETED BY**

Sebastian Schaub,  
DVM Dr. med. vet.  
DipECVDI

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

**HOSPITAL NAME**

Mobile Veterinary CT

In the cranial aspect of the left caudal lunge lobe a multinodular, soft tissue attenuating and homogeneous mild contrast enhancing mass is seen, measuring 4.0 x 2.4 x 3.7 cm in size; mildly distorting the accompanying bronchi. At least three small (<4.5 mm) soft tissue nodules are seen in the periphery of the left caudal lung lobe mass. The remainder of the lung parenchyma present the expected architecture and attenuation behavior.

**REFERRING VET**

Erin Henderson

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

**Abdomen**

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The serosal fat presents normal attenuation behavior. There is no evidence of peritoneal effusion or peritonitis. The hepatic, splenic, jejunal, pancreaticoduodenal, renal (R>L) lymph nodes are prominent and rounded.

**DATE**

3/31/23



**PATIENT** Dakota Weisend The hepatic volume is moderately increased and the margins are rounded. Post contrast administration, ill-defined, roundish hypoattenuating parenchymal lesions are seen throughout the lung parenchyma – distorting the hepatic veins.

**SPECIES** Canine 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.

**BREED** Labrador Retriever The adrenal glands are within normal limits for size, shape and organ architecture. The spleen presents with normal shape, even surface, uniformly attenuating parenchyma and homogeneous contrast enhancement, unremarkable.

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

**AGE** 6 The position, delineation, wall and content of the gastrointestinal tract are considered within normal limits throughout.

**COMPUTED TOMOGRAPHIC DIAGNOSIS** The bony and surrounding soft tissue structures reveal no abnormalities.

#### COMPUTED TOMOGRAPHIC DIAGNOSIS

- Lymphadenopathy cranial mediastinal, hepatic, splenic, pancreaticoduodenal, jejunal and renal lymph nodes
- Multiple intraparenchymal hepatic nodular lesions
- Pulmonary soft tissue mass left caudal lung lobe

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#### INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The CT findings are highly suggestive for disseminated neoplastic disease – such as round cell tumor. Recommend FNA sampling of the hepatic masses as well as the enlarged lymph nodes. Based on the results of the advanced diagnostic tests, the chances of chemotherapy might be discussed with oncologist.

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**PATIENT**

Dakota Weisend

**SPECIES**

Canine

**BREED**

Labrador Retriever

**SEX**

Spayed Female

**AGE**

6

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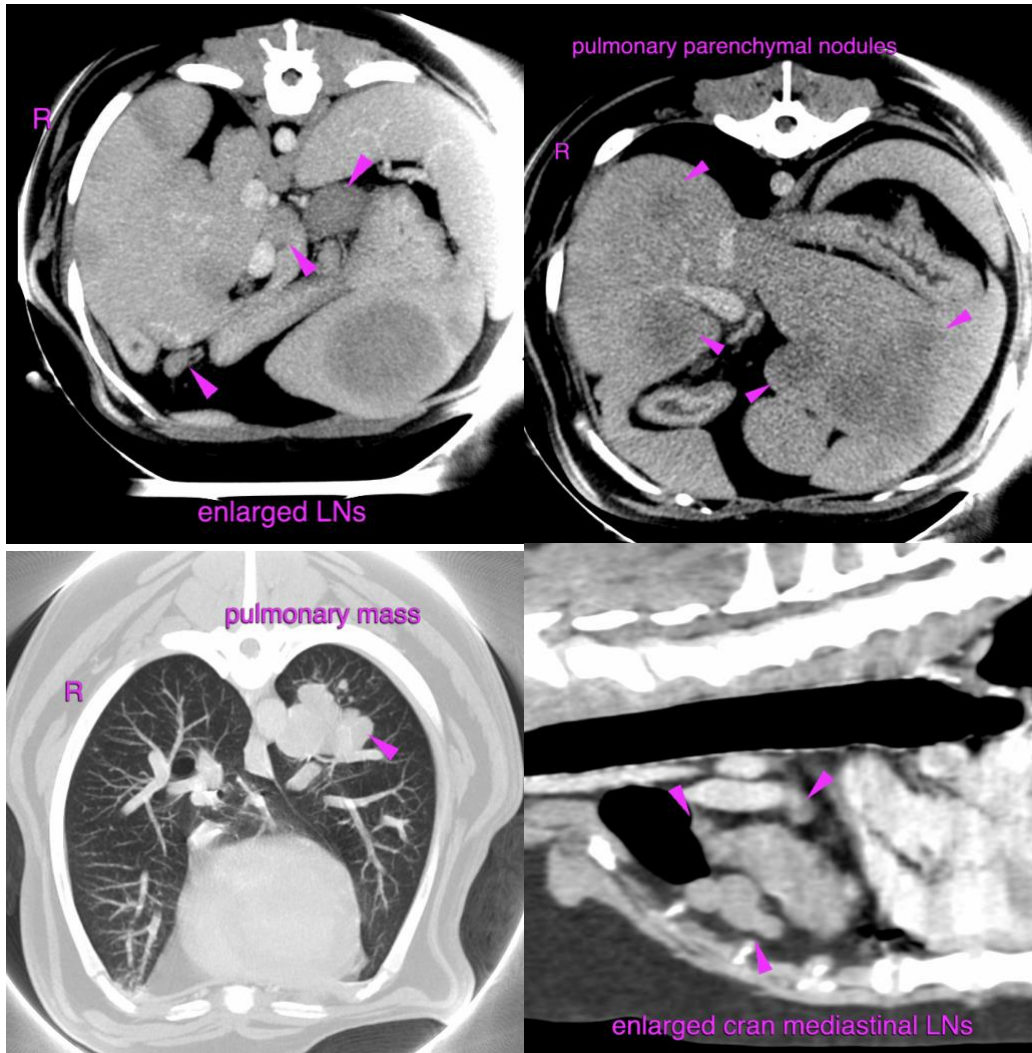
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**The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.**

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



**PATIENT**

Dakota Weisend

**SPECIES**

Canine

**BREED**

Labrador Retriever

**SEX**

Spayed Female

**AGE**

6

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