



**PATIENT**

Slevi Runkles

**PRESENTING CLINICAL SIGNS**

Slevi presented as a referral from Dr. Ward for CT. Abdominal ultrasound identified a possible adrenal mass per owners. Patient has a history of left adrenal gland melanoma since 2020. Patient is currently being treated with Chlorambucil 1.8 mg PO SID.

**SPECIES**

Canine

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

Plain and post contrast studies available for review.

**BREED**

Schnauzer Mix

**COMPUTED TOMOGRAPHIC FINDINGS**

**Thorax**

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

**SEX**

MN

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.

**AGE**

14 Years

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.

**INTERPRETED BY**

Nele Eley, DVM  
Dr. med. Vet. DipECVDI

The lung parenchyma presents the expected architecture and attenuation behavior. Multiple age related incidental pulmonary osteomas are seen. No evidence of pulmonary nodules or masses is noted.

**HOSPITAL NAME**

Critical Vet  
Care/Suncoast  
Veterinary

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

**Abdomen**

A ventral abdominal wall lipoma and umbilical hernia are seen.

**REFERRING VET**

Dr. Young

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

Small cortical renal cysts are seen within both kidneys.

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The adrenal glands are within normal limits for size, shape and organ architecture. The caudal pole measurements for the left and right adrenal glands is 7mm respectively. No evidence of adrenal nodules or masses is seen.

Mild generalized enlargement of the spleen with multiple faintly hyper- and hypo-enhancing splenic nodules of up to 2 cm diameter are noted.

**DATE**

2-2-23

The liver presents with normal shape, even surface, uniformly attenuating parenchyma and homogeneous contrast enhancement, unremarkable.



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

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

The bony and surrounding soft tissue structures reveal no abnormalities.

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

**BREED**

Schnauzer Mix

- No evidence of an adrenal gland mass or nodule.
- Normal CT presentation of the adrenal glands.
- Multiple splenic nodules.

**SEX**

MN

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The CT study reveals no evidence of structural adrenal gland pathology. No evidence of nodules or masses is seen. Size, shape, and architecture of the adrenal glands present within expected limits.

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Differential diagnosis for the splenic nodules includes benign nodular hyperplasia, extramedullary hematopoiesis, and less likely neoplasia. Fine needle aspiration could be considered for further definition under ultrasonographic guidance.

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**REFERRING VET**

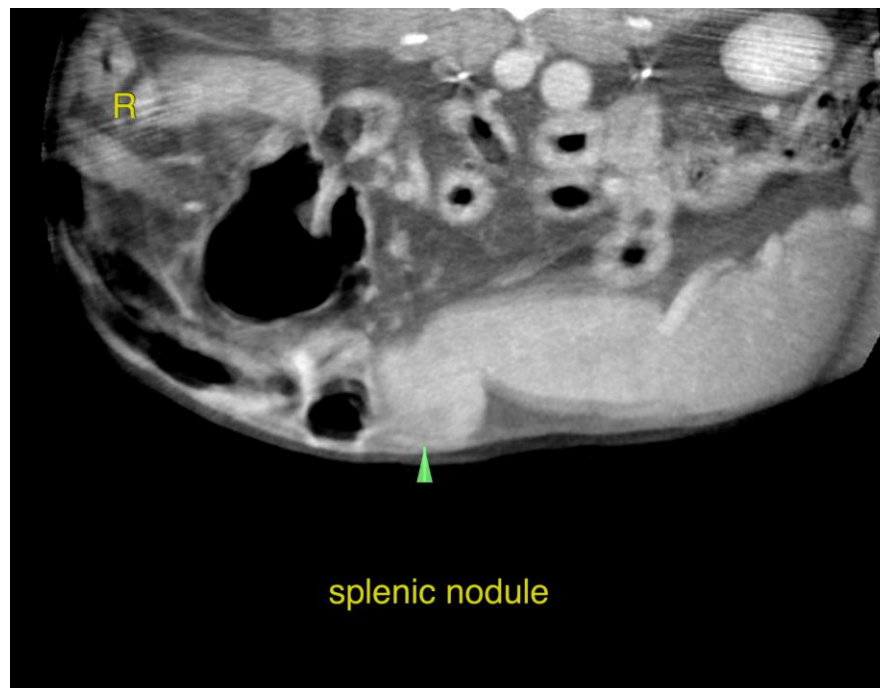
Dr. Young

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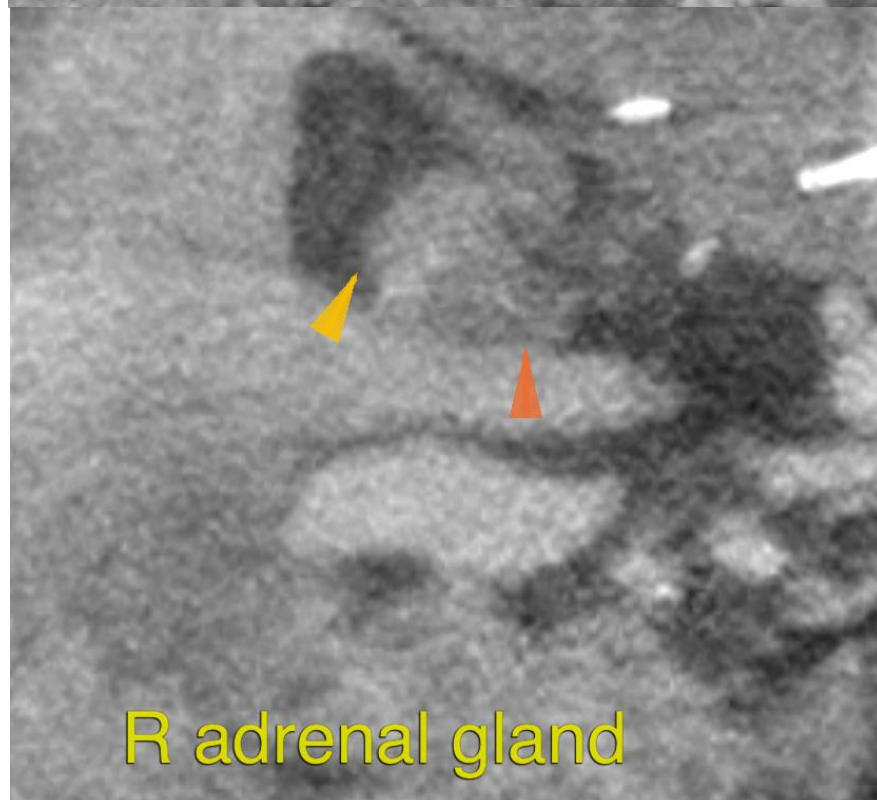
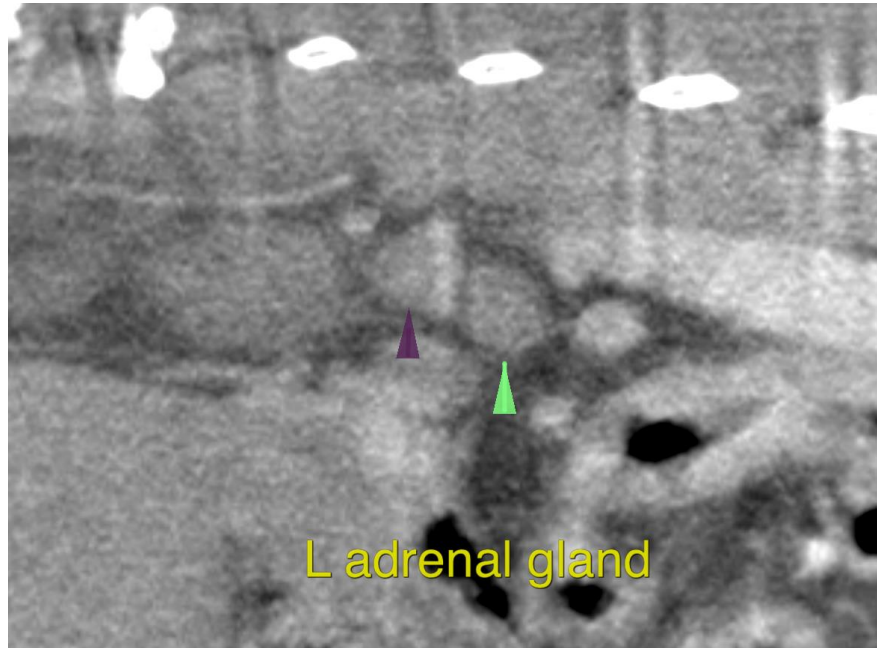
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

**SPECIES**

Canine

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Senior lecturer University of Giessen, Germany, Veterinary Faculty, Department of Radiology  
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