



**PATIENT PRESENTING CLINICAL SIGNS**

**Kala Loor** History: Patient presented history of splenic mass referred to us by Dr. Carlos Zequeira- Splenectomy performed in November 2021. In September 2022 multiple bleeding masses over the body, mass removal was performed. February 2023 R 5th mammary gland active bleeding mass, mass removal + biopsy performed again (Blood transfusion performed prior surgery). Biopsy Results: Skin hemangiosarcoma, low metastatic rate but locally invasive. Completely excised. On June 5, mass removal was performed again, the patient didn't recover well, stitches were removed 10 days after surgery but owners took her to ER clinic to suture again due to continued bleeding. PE on 06/20/2023: Noted hemorrhage at the sclera in lateral canthus of the right eye. Epistaxis during all night.

**SPECIES** Canine

**BREED** Mixed

06/23/2023: CBC:HCT 17.8%. in need of a Blood Transfusion/ Performed on 06/24/2023- Cross Match prior Blood Transfusion (2nd time). CBC 06/26/2026 HCT 18.6%, Referred to CT Scan, consider blood transfusion again if patient doesn't recover.

Abnormal PE/Chem/CBC/UA Results: RBC 2.54 HCT 18.6 HEMOGLOBIN 6.1 WBC 19.4 PLT 31 BUN 36 AMY 338

**SEX COMPUTED TOMOGRAPHY OF THE CERVICAL, THORACIC AND LUMBAR SPINE**

**Spayed** A high resolution pre- and post-contrast CT study of the entire spine is provided for review.

**COMPUTED TOMOGRAPHIC FINDINGS**

**AGE** THE LAST RIB BEARING VERTEBRA IS COUNTED AS T13.

**9 Years** The osseous structures of the cervical & thoracic spine present without abnormalities. The vertebral endplates L3/L4 present mild spondylosis formation.

**INTERPRETED BY**

Multifocal throughout the subcutaneous tissue along the neck and trunk, soft tissue attenuating and heterogeneous contrast enhancing, variable sized nodules are visible.

Sebastian Schaub, DVM  
Dr. med. vet. DipECVDI

Post contrast administration, throughout the axial and appendicular musculature, variable sized contrast enhancing lesions are seen. The muscular lesions are partially protruding beyond the surface of the affected muscles.

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The pictured parts of the lung parenchyma present well-defined soft tissue attenuating nodules.

A contrast enhancing lesion is appreciated in the right parietal lobe.

**REFERRING VET**

Dra Rodriguez

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

- Disseminated contrast enhancing lesions throughout the axial and appendicular musculature
- Multiple subcutaneous soft tissue nodules
- Structured nodular interstitial lung pattern
- Contrast enhancing intraaxial lesion right parietal lobe

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**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The appreciated changes are consistent with disseminated neoplastic disease and metastasized hemangiosarcoma is considered as the top differential here. The findings are a plausible explanation for the presenting clinical signs. The prognosis is considered infaust.

**DATE**

6-26-23



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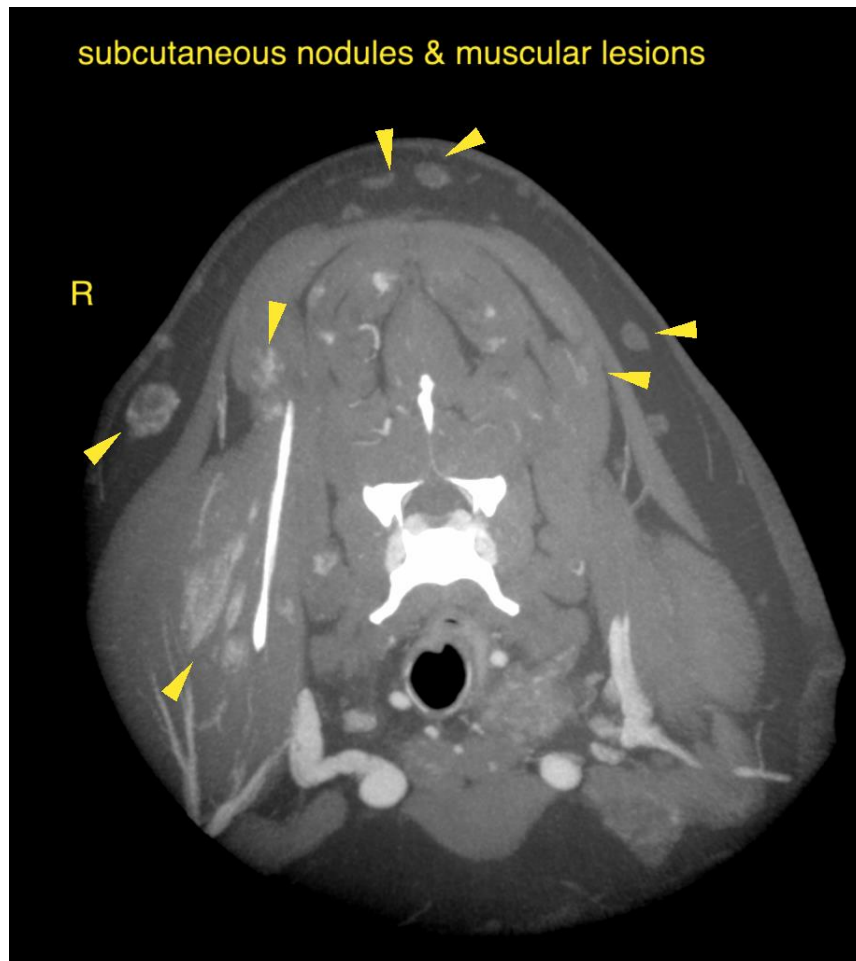
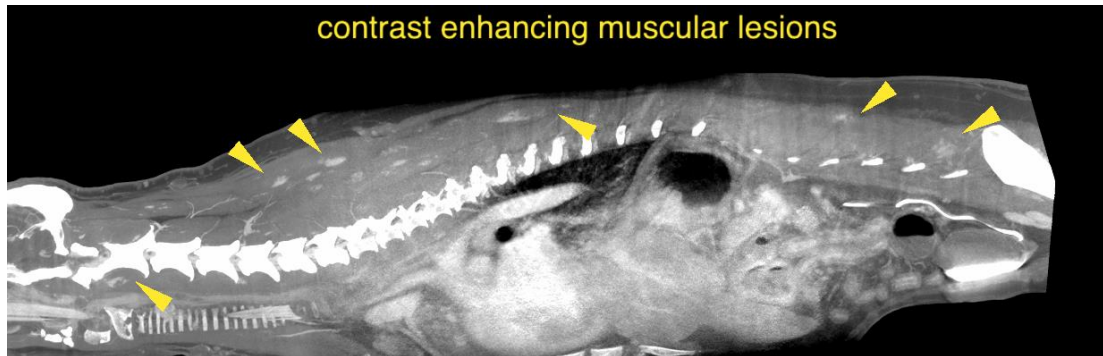
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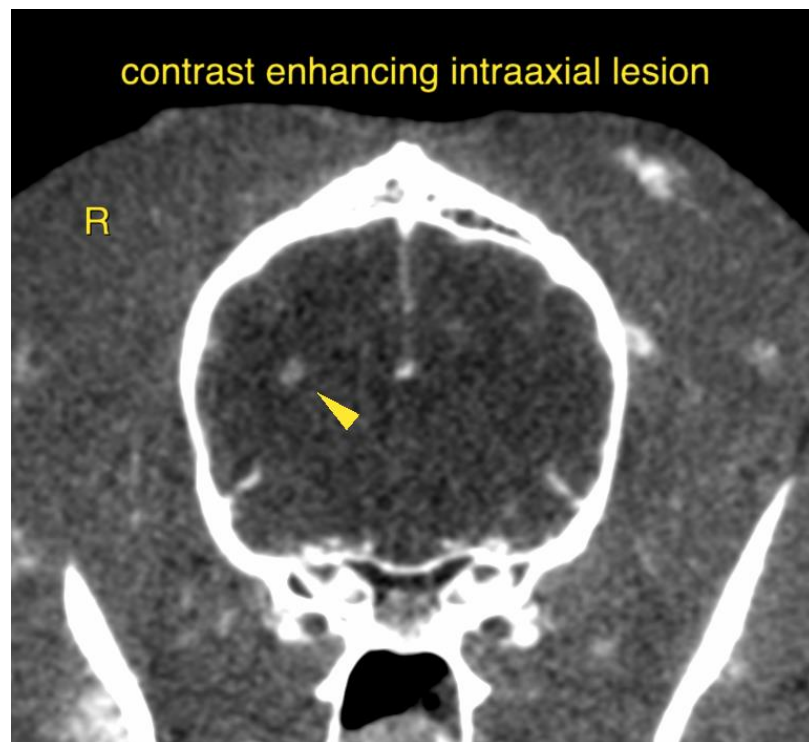
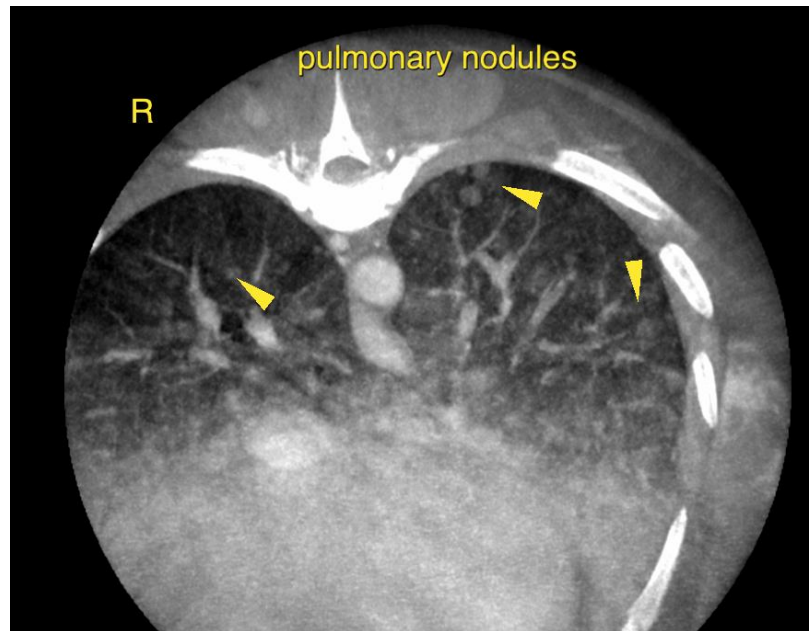
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**PATIENT** The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.  
Kala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

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 **Sebastian Schaub**, Sebastian Schaub, DVM, Dr. med. vet. DipECVDI  
[info@sonopath.com](mailto:info@sonopath.com)

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