



PATIENT PRESENTING CLINICAL SIGNS

PATIENT Fin Christie
 ~1 month ago, SQ moveable mass noted at the cervical area, rDVM recommended to benign neglect. Approximately triple the size now and owner noted weight loss. Saturday, decrease activity. Found Fin laying outside yesterday, appeared dazed, not responsive. Nicole went to parents house, found Fin to be pale and found a mass in laryngeal area. PCV on presentation was 31%, 32% after rechecked. Respiratory effort slightly increased. -TFAST unremarkable -AFAST showed generally enlarged liver and cavitated, fluid-filled nodules on spleen -BW relatively unremarkable (ALKP in 400s, PLT 35K), PT, aPTT normal -Chest rads: no mets, heart small, prominent sternal lymph nodes

SPECIES Canine

BREED Abnormal PE/Chem/CBC/UA Results: ~4cm fluctuant firm mass on right cervical area, ulcerated mass on left tonsil
 Goldendoodle

COMPUTED TOMOGRAPHIC STUDY OF THE NECK, THORAX, & ABDOMEN

Plain and post contrast studies of the neck, thorax, and abdomen available for review.

SEX

MN

COMPUTED TOMOGRAPHIC FINDINGS

Neck & Thorax

AGE

8 Years

The left tonsil presents moderate enlargement and measures approximately 10mm in diameter. The right tonsil appears to be mildly enlarged as well. However, there is border effacement with the surrounding soft tissues and compression by the endotracheal tube.

INTERPRETED BY

Nele Eley, DVM
 Dr. med. Vet. DipECVDI

The right submandibular and retropharyngeal lymph nodes are severely enlarged, rounded, with heterogeneous contrast enhancement and peripheral fat stranding. The left retropharyngeal and submandibular lymph nodes are moderately enlarged.

Moderate enlargement of the cervical, sternal, and cranial mediastinal lymph nodes is seen as well.

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Both lobes of the thyroid gland are seen and present within normal limits.

Moderate atelectatic changes of the right and left lung are seen. There is no evidence of interstitial pulmonary nodules or masses.

REFERRING VET

N/A

No direct evidence of cardiovascular pathology is seen.

Abdomen

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Moderate generalized enlargement of the spleen with scalloping margins and diffuse heterogeneous contrast enhancement is noted.

There are multiple moderate mesenteric lymphadenomegaly with rounded lymph nodes, peripheral fat stranding, and heterogeneous contrast enhancement.

DATE

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The kidneys, adrenal glands, liver, and gallbladder present within age related normal limits.



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COMPUTED TOMOGRAPHIC DIAGNOSIS

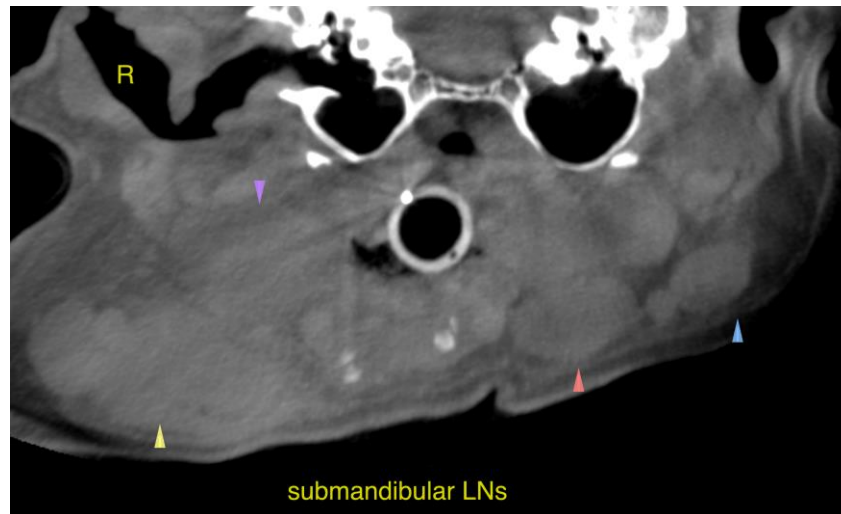
- Multiple superficial and deep lymphadenomegaly involving the submandibular, retropharyngeal, cervical, sternal, cranial mediastinal, and mesenteric lymph nodes.
- Mass like enlargement of the left tonsil.
- Questionable enlargement of the right tonsil.
- Splenomegaly with heterogeneous enhancement and cavitation.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The CT findings are highly suggestive for neoplasia with multicentric metastases or disseminated neoplasia such as round cell neoplasia.

The mass of the tonsil may represent a primary tumor such as tonsillar carcinoma which can be relatively small yet metastasizes early. A lymphomatous or other round cell infiltrate however is a potential differential diagnosis.

Sampling of the lymph nodes in the neck area and abdomen as well as FNA of the spleen could be considered for further definition if not performed already.





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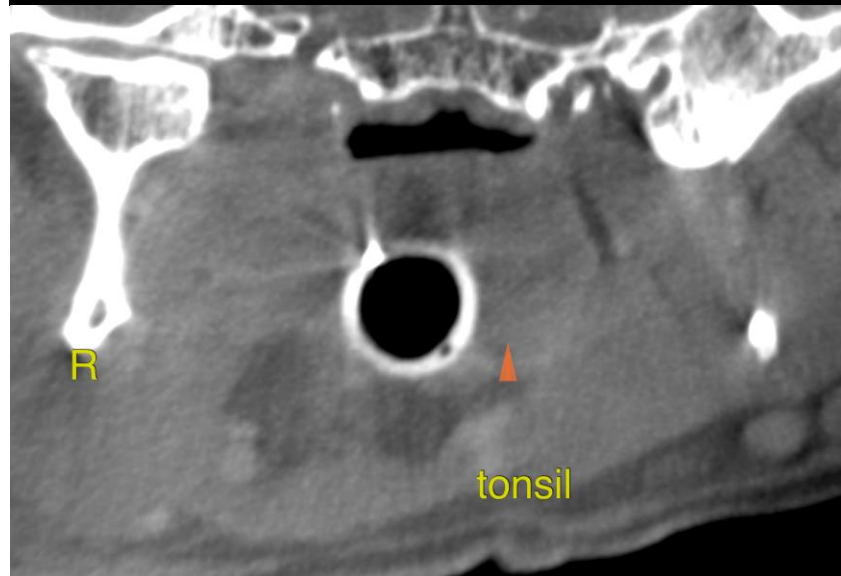
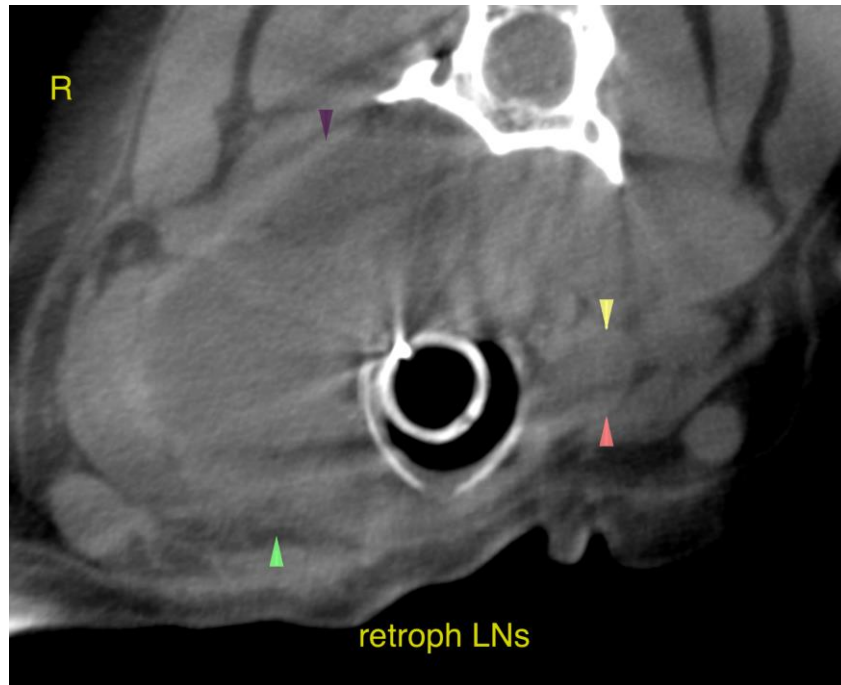
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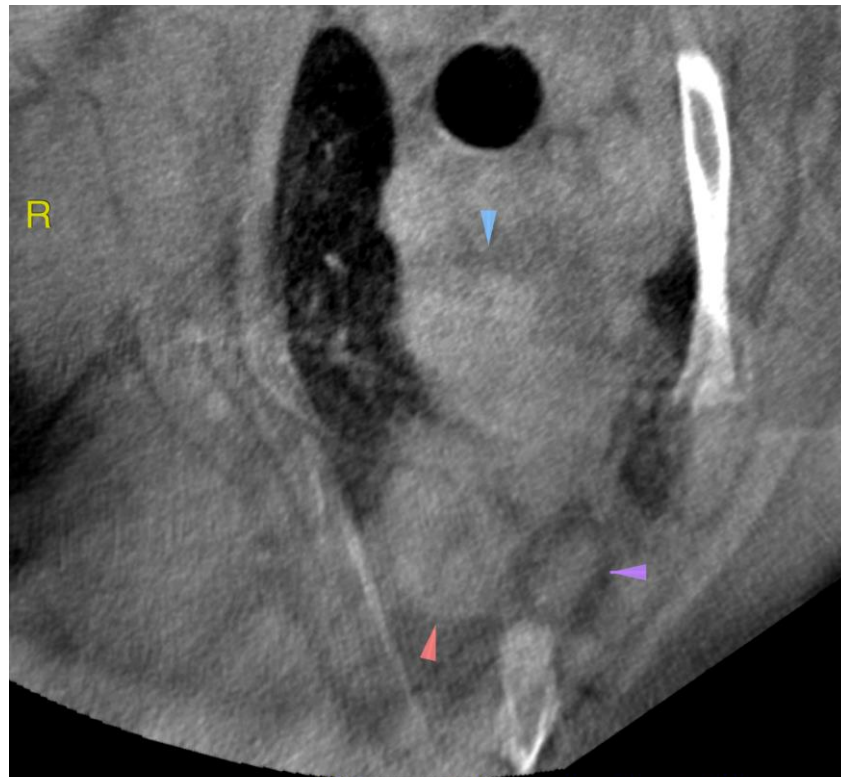
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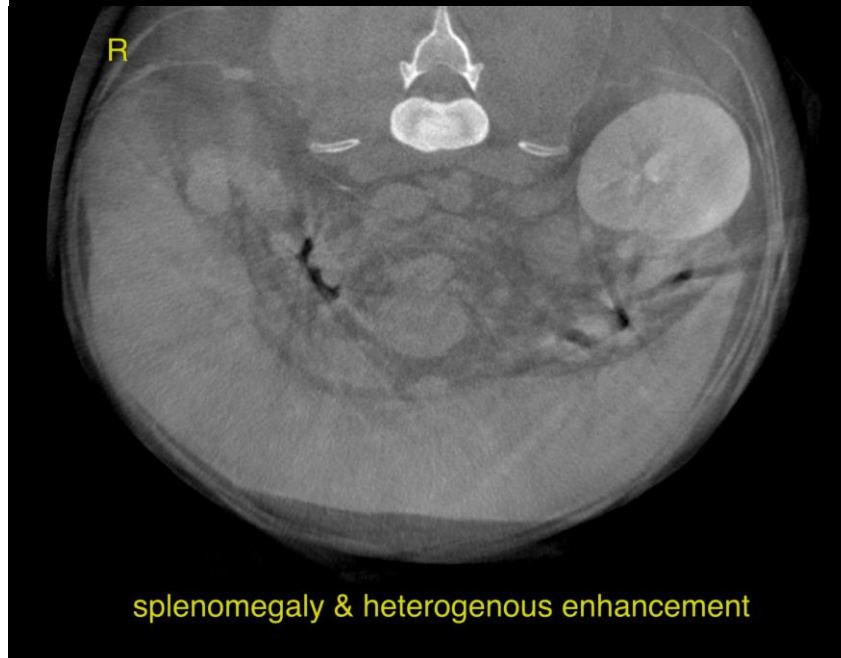
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sternal & cranial mediastinal LNs



splenomegaly & heterogenous enhancement



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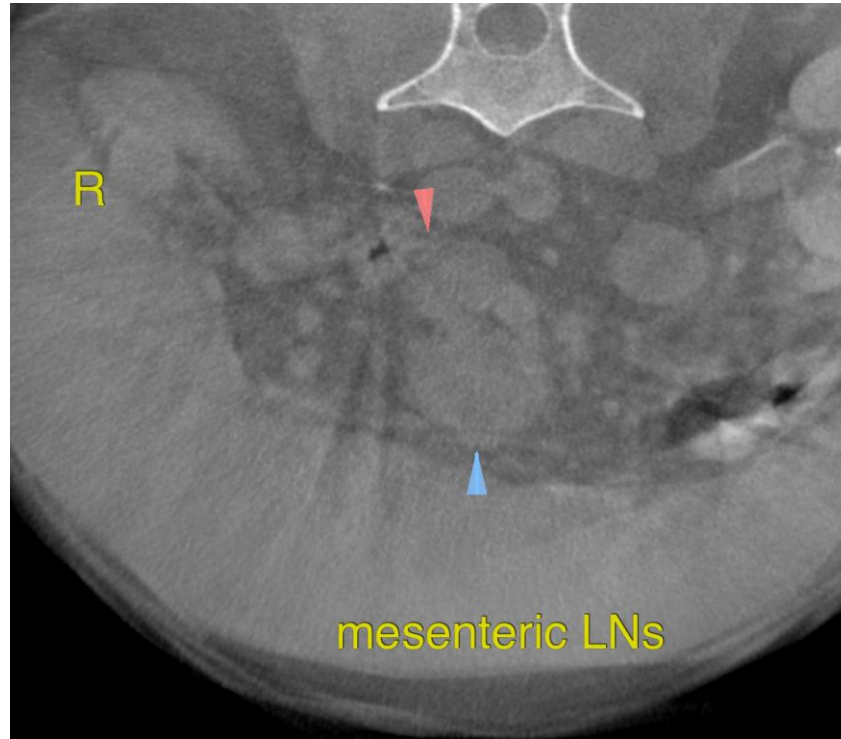
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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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