



PATIENT PRESENTING CLINICAL SIGNS

Missy Hinds hypersalivating palp mass neck - chews bones very tense in abdomen
 Abnormal PE/Chem/CBC/UA Results: aspirates from neck rbc/degen neutrophils wbc marked elevation

SPECIES COMPUTED TOMOGRAPHIC STUDY OF THE NECK, THORAX, & ABDOMEN

Canine Plain and post contrast studies in soft tissue and lung windows available for review.

BREED COMPUTED TOMOGRAPHIC FINDINGS

Lab **Neck**

SEX
 FE Both medial retropharyngeal lymph nodes present enlargement and cavitation. The left medial retropharyngeal lymph node measures 7.5 cm in length and 3.5 cm in diameter. A contrast negative center and contrast enhancing periphery are noted as well as extensive peripheral fat stranding and mass effect into the retropharyngeal and laryngeal area. The right medial retropharyngeal lymph node measures 3.0 cm in length and 1.5 cm in width and presents partial cavitation with heterogeneous contrast enhancement.

AGE
 10 The salivary glands and submandibular lymph nodes present within normal limits.

Both lobes of the thyroid gland are seen separate from the retropharyngeal lymph nodes and present within normal limits.

INTERPRETED BY
 Nele Eley, DVM
 Dr. med. Vet. DipECVDI Infraspinus enthesopathy is noted in the right shoulder.

Thorax
 Moderate redundancy of the dorsal tracheal ligament.

The mediastinal, cervical, and axillary lymph nodes present within normal limits.

The lung and bronchial tree present within age related normal limits.

No evidence of cardiovascular pathology is seen.

Abdomen

A 1.5 cm sized hypoenhancing nodule is seen in the central division of the liver. A 2.0 cm sized hypoenhancing and slightly heterogeneous nodule is seen in the right division of the liver.

The gallbladder, spleen, pancreas, stomach, and intestines present within normal limits.

The mesenteric lymph nodes present within normal limits.

Both ovaries are seen and present within normal limits.

There are small cortical renal infarcts in both kidneys.

DATE

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PATIENT The adrenal glands present within normal limits.

Missy Hinds No evidence of gastric pathology is noted.

SPECIES There appears to be structural changes of the right coxofemoral joint which is only partially included.

Canine **COMPUTED TOMOGRAPHIC DIAGNOSIS**

- BREED**
- Severe left medial retropharyngeal lymphadenomegaly with cavitation and retropharyngeal and laryngeal mass effect.
 - Moderate right medial retropharyngeal lymphadenomegaly with cavitation.
 - Hypoenhancing in the central and right division of the liver.
 - Cortical renal infarcts.
 - No evidence of gastric pathology.

SEX

FE

AGE

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The CT study reveals bilateral medial retropharyngeal lymphadenomegaly with cavitation. Differential diagnosis includes abscessation of the lymph nodes as well as neoplasia with central tumoral necrosis. Sampling of retropharyngeal lymph nodes is recommended for further definition if not performed already. There is no evidence of thyroid or salivary gland involvement. No foreign material is seen.

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Differential diagnosis for the hepatic nodules includes benign nodular hyperplasia, regenerative nodules, and secondary neoplasia of the liver including metastatic disease. Ultrasound guided fine needle aspiration or biopsy could be considered for further definition.

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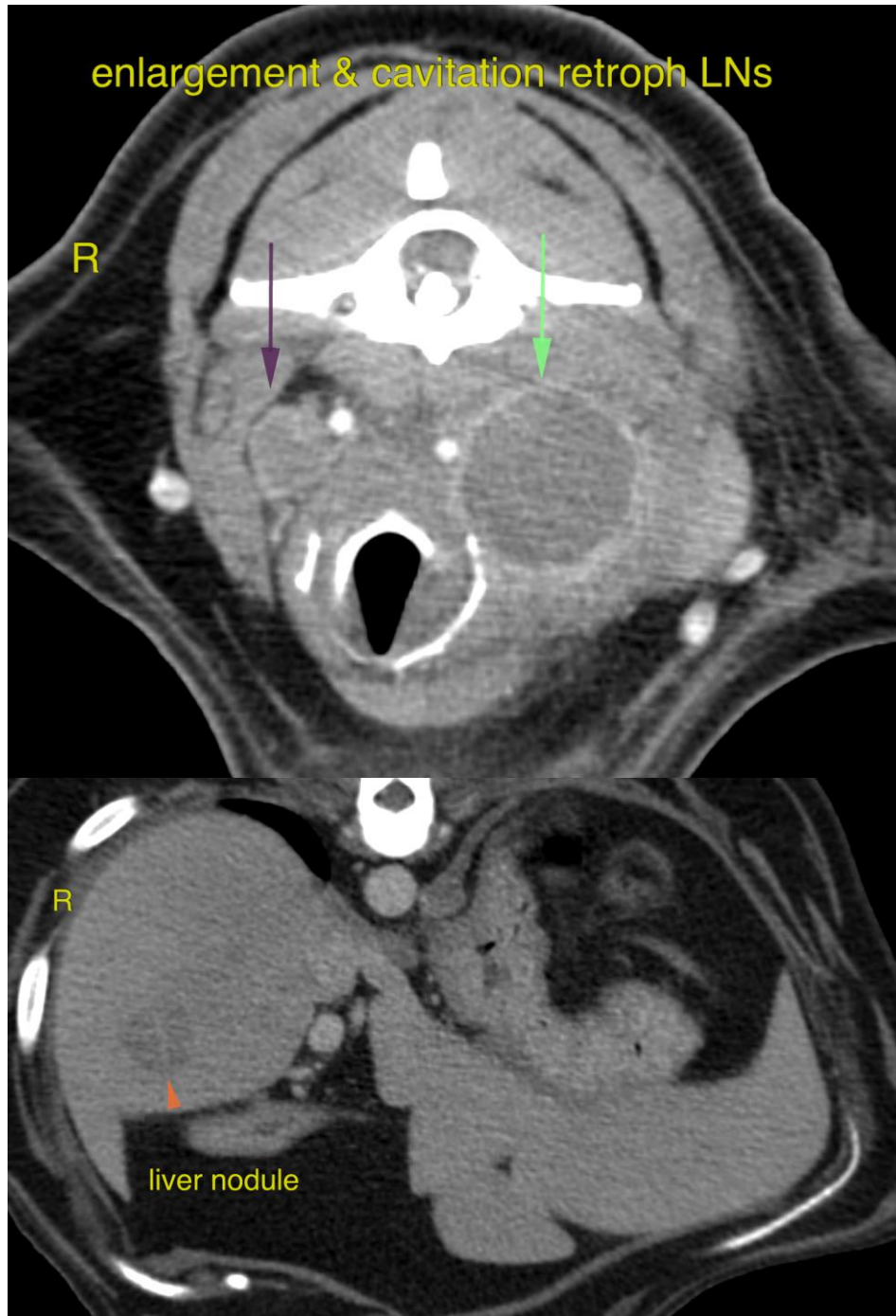
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PATIENT

Missy Hinds

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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