



PATIENT

Stud Lozano

PRESENTING CLINICAL SIGNS

Historical hepatopathy, newly diagnosed hyperadrenocorticism, and concurrent concerns of oronasal discharge and foreign body. Management for hyperadrenocorticism started and further workup for persistent L-sided nasal congestion and discharge pursued. DDX foreign body vs mass effect top concerns.

SPECIES

Canine

COMPUTED TOMOGRAPHIC STUDY OF THE HEAD

Plain and post IV contrast studies available for review.

BREED

Welsh Corgi Mix

COMPUTED TOMOGRAPHIC FINDINGS

The brain and pituitary gland present within normal limits.

SEX

Male

A moderate amount of fluid attenuating material and regional turbinate destruction are noted within the left nasal cavity. There appears to be an irregularly structured hypoattenuating object of mixed fluid and gas components in the ventral nasal meatus of the left nasal cavity. The object is of ~ 30 mm in length and 4 mm in diameter (see images below). The turbinate destruction accentuates the ventral aspect of the left nasal cavity.

AGE

14yr

Moderate fluid attenuating material and multifocal turbinate destruction are noted within the right nasal cavity as well accentuating the region adjacent to the dental arcade starting from triadan 104 to 107 which all present severe periodontitis with tooth root abscessation and resorption. An oronasal fistula of triadan 105 is seen. Severe tooth root abscessation, periodontitis and root resorption of the mesial roots of triadan 208 are seen as well.

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

The bilateral submandibular and medial retropharyngeal lymph nodes are moderately enlarged.

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Regional cystic expansion of the incisor portion of the maxillae is seen.

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Suspect foreign object within the ventral nasal meatus of the left nasal cavity with concurrent destructive rhinosinusitis.
- Severe multifocal periodontal disease of the bilateral maxillary arcades, right hand sided 104-107, left hand sided 208 with oronasal fistula of the triadan 105 and concurrent destructive right hand sided rhinosinusitis.
- Moderate bilaterally symmetric submandibular and medial retropharyngeal lymphadenomegaly.
- Normal CT presentation of the pituitary gland.
- Periodontal disease vs ameloblastoma in the incisor portion of the maxillae.

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

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The CT study suggests potential for presence of organic foreign material in the ventral nasal meatus of the left nasal cavity. Plant based foreign material such a spike appears to be present within the ventral aspect of the left nasal cavity. The object appears to be 30 mm x 4 mm.

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Incidental irregular arrangement of the mucosal folds with fluid attenuating material and gas with artifactual appearance as a foreign object cannot be ruled out entirely as a differential diagnosis.

Rhinoscopic and dental work up with extractions are recommended.

BREED

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The lymph node changes are compatible with reactive lymphadenitis.

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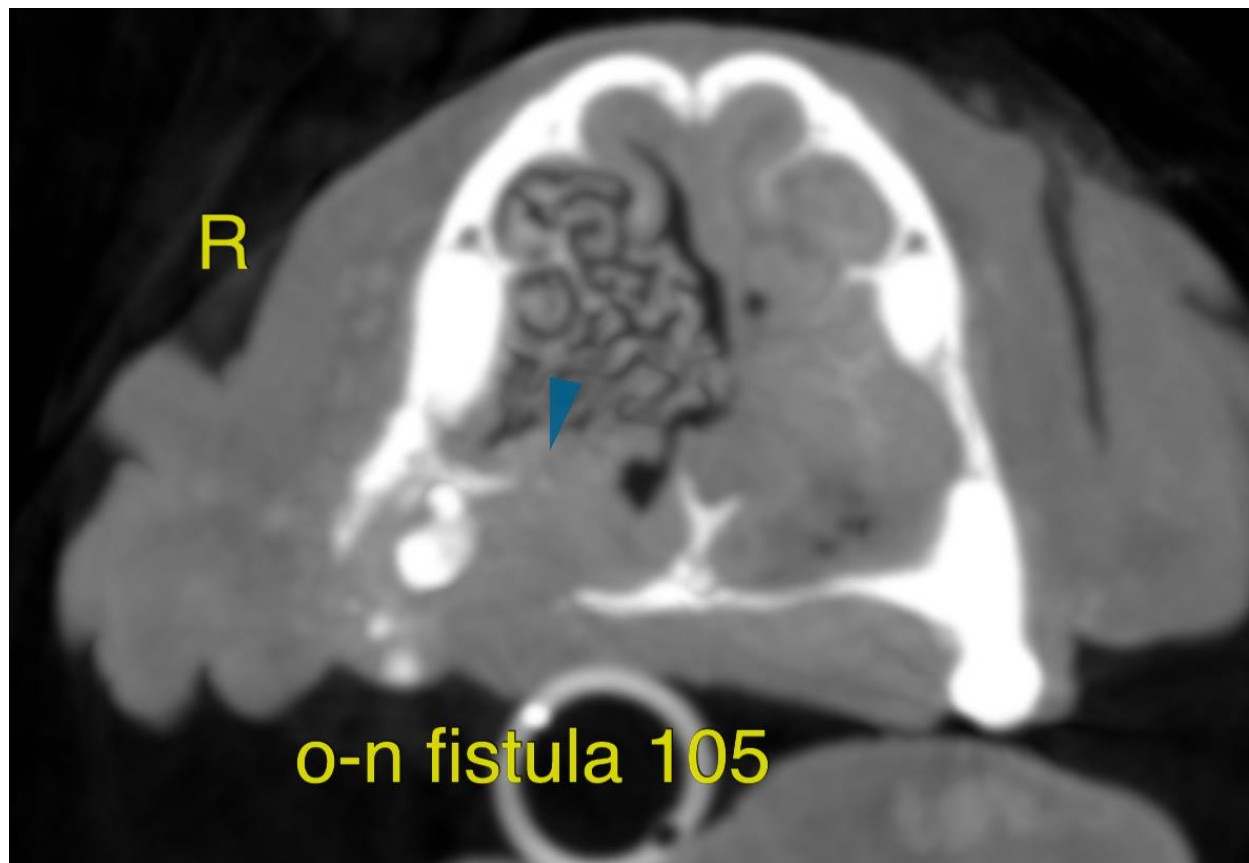
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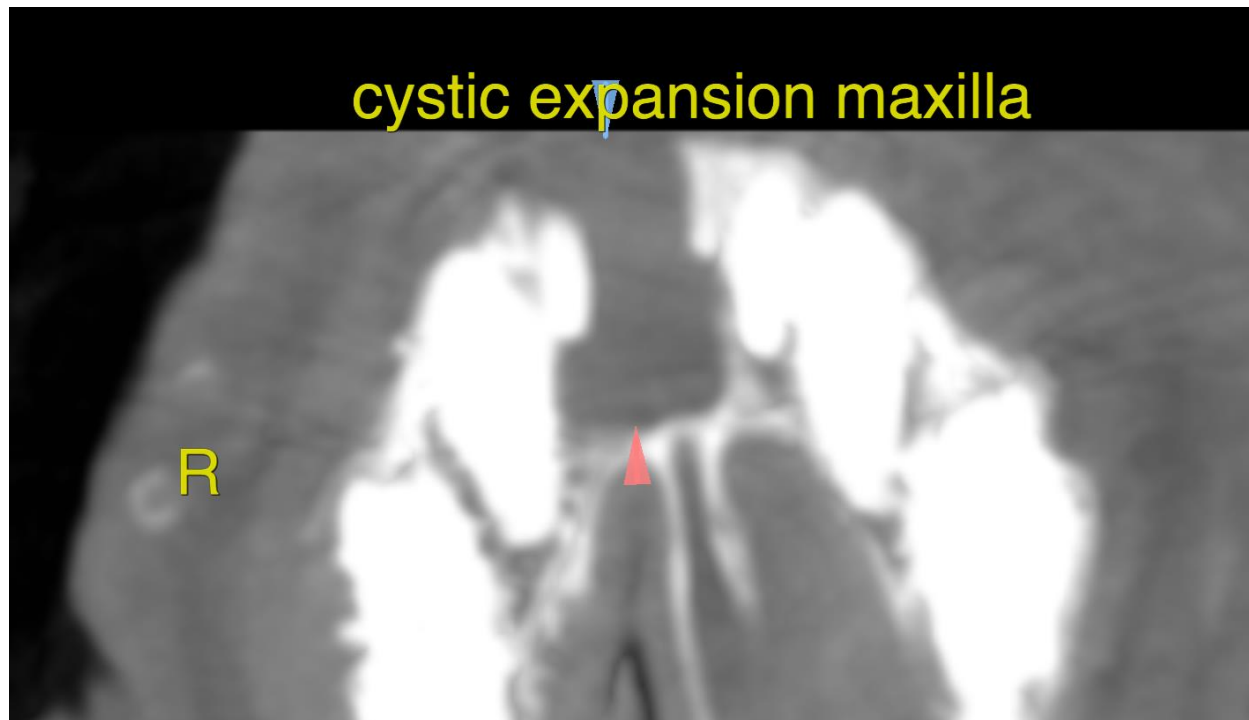
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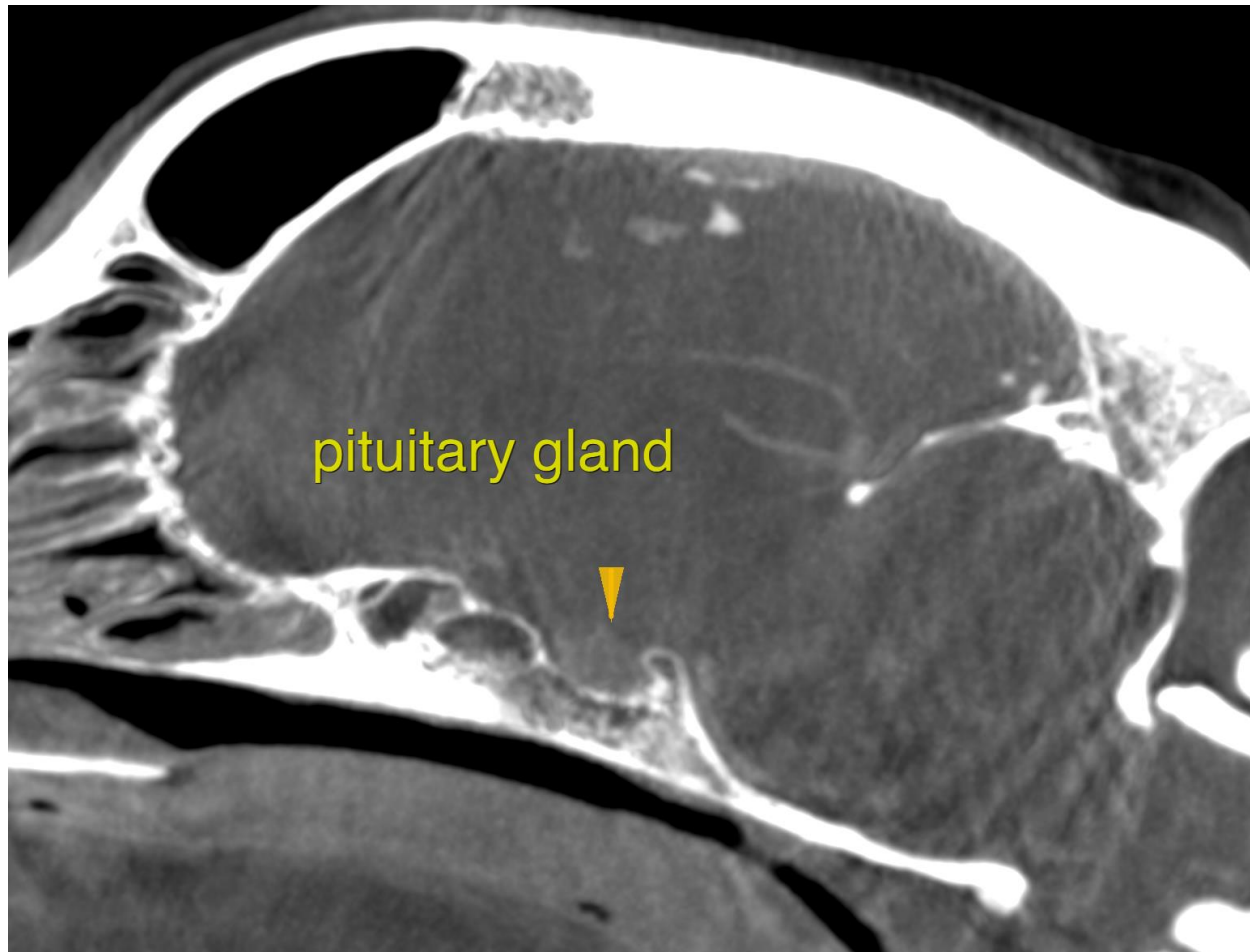
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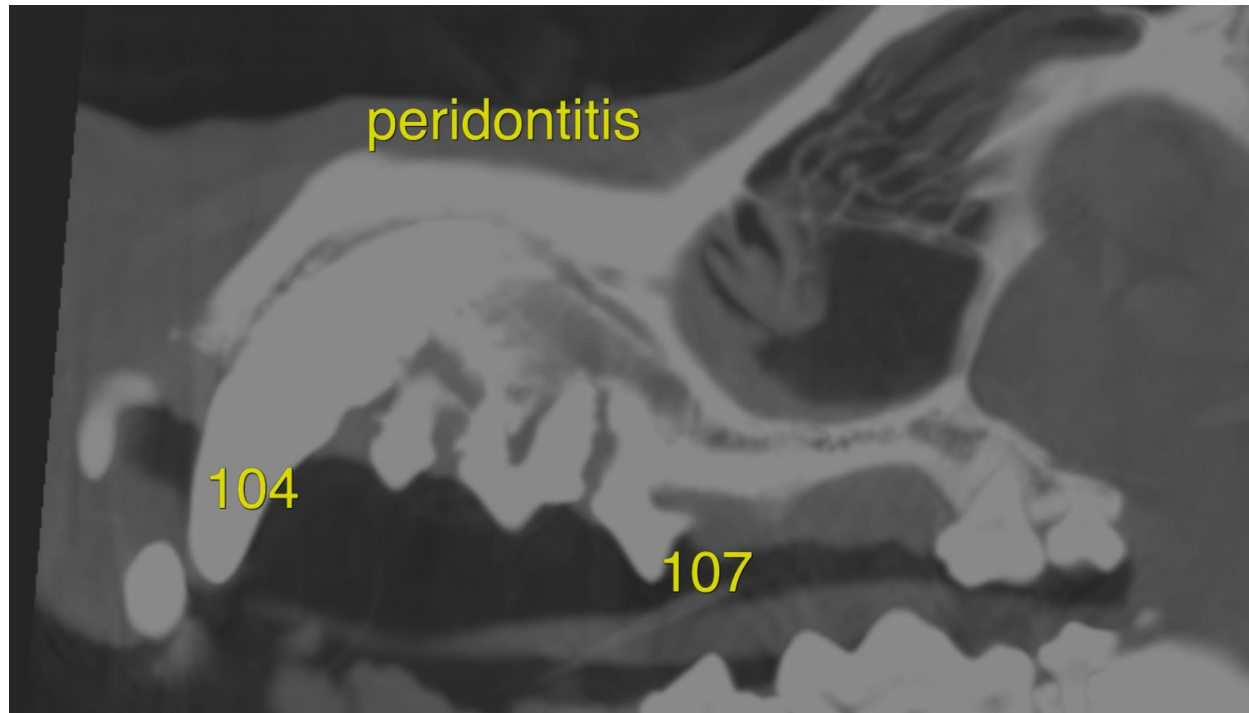
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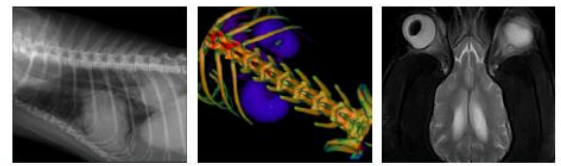
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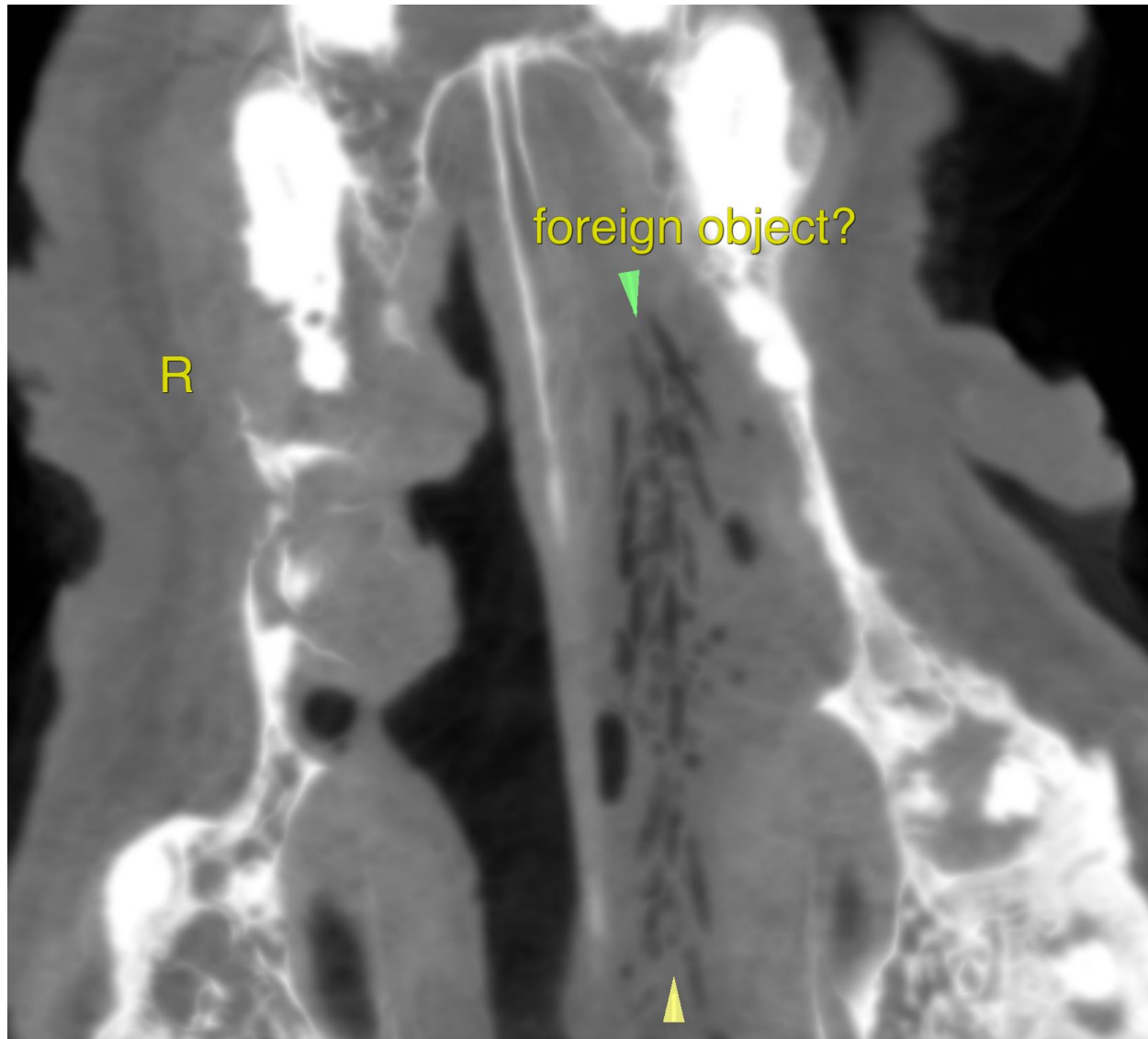
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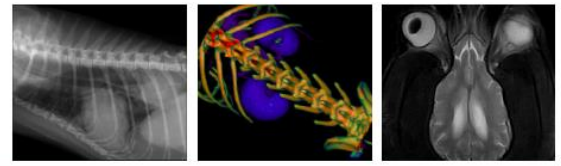
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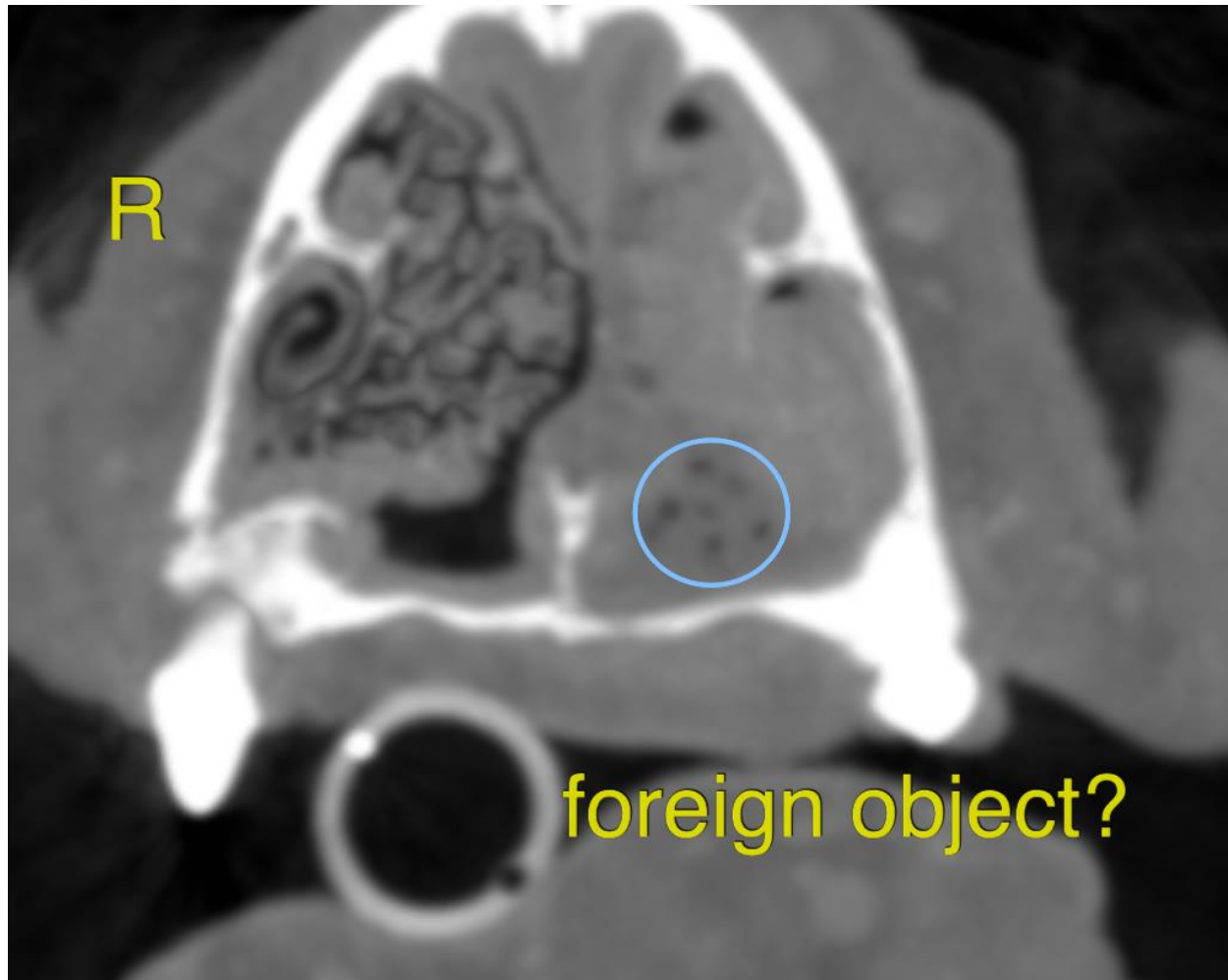
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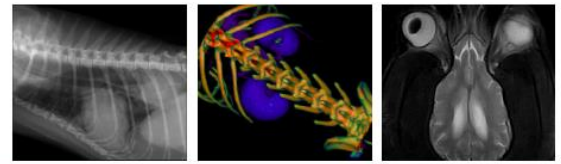
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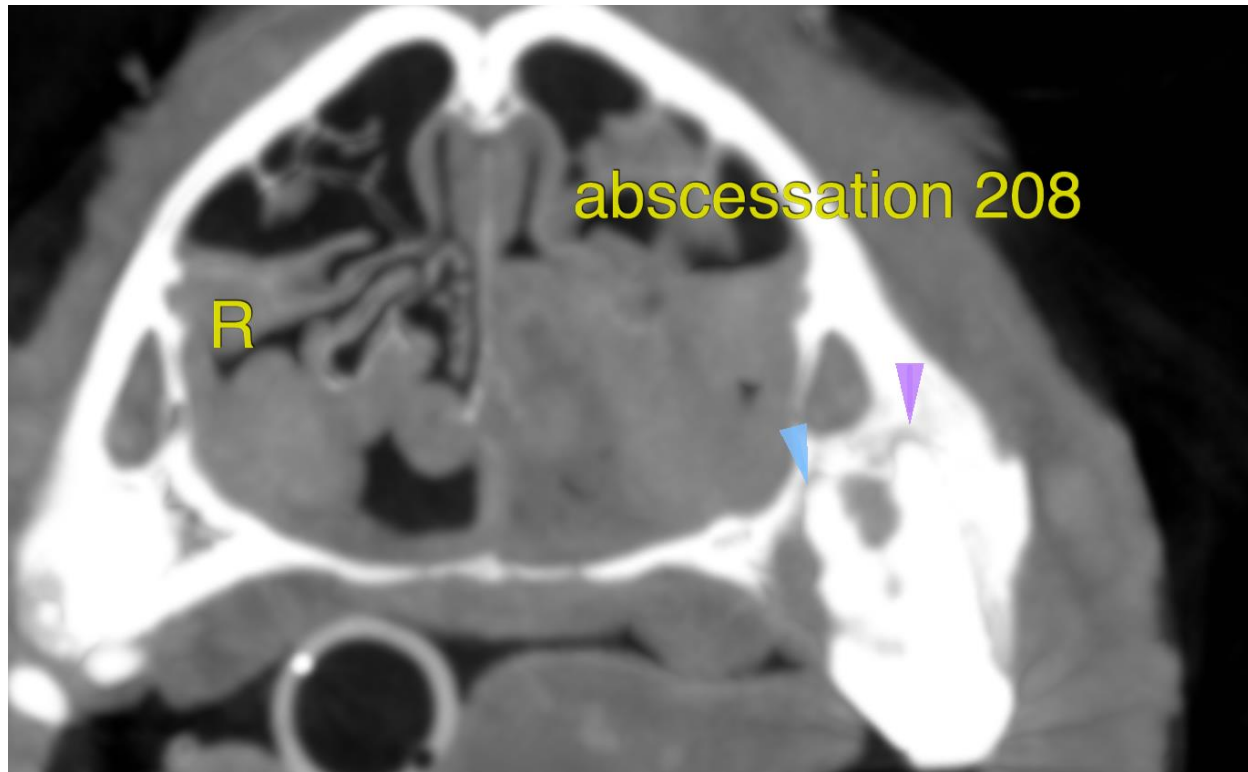
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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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