



PATIENT

Rudy DiSabatino

PRESENTING CLINICAL SIGNS

Presented for a history bilateral nasal discharge and snorting. Acting normal otherwise. Abnormal PE/Chem/CBC/UA Results: normal

SPECIES

Canine

COMPUTED TOMOGRAPHIC STUDY OF THE HEAD & THORAX

Plain and post contrast studies of the head and post contrast study of the thorax available for review.

BREED

Beagle

COMPUTED TOMOGRAPHIC FINDINGS

Head

An irregular shaped and ill-defined large soft tissue attenuating mass is occupying the mid and caudal third of the left nasal cavity. The mass measures approximately 6 cm in length and 3 cm in diameter. Polystotic aggressive osteolytic changes of the left palatinal, left maxillary, left nasal bones, and left bony orbita is seen. The soft tissue mass extends into the nasal fundus as well as into the ventromedial aspect of the left orbita. Interruptions of the nasal septum allow for extension into the right nasal cavity. Regional turbinate destruction is noted as well as heterogeneous contrast enhancement. The left frontal sinus is filled with fluid attenuating material.

SEX

MN

AGE

9

Moderate periodontitis of the triadan 110 is seen.

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

The retropharyngeal and submandibular lymph nodes present within normal limits.

Thorax

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.

HOSPITAL NAME

Northeast Veterinary
Referral Hospital

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.

REFERRING VET

Dr. Runde

The lung parenchyma presents the expected architecture and attenuation behavior.

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

INVOICE

55634

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Soft tissue mass with aggressive biological behavior within the left nasal cavity with extension into the left bony orbita, nasal fundus, and right nasal cavity.
- Secondary obstructive left frontal sinusitis.
- No evidence of metastatic disease to the regional lymph nodes or lung.

DATE

12-14-22



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- Periodontitis triadan 110.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The CT findings are compatible with a malignant soft tissue neoplasia within the left nasal cavity. Differential diagnosis includes adenocarcinoma, other carcinoma, lymphosarcoma, and less likely other neoplasia. The findings are not compatible with rhinitis or foreign body related disease. At this time, there is no evidence of intracranial extension even though this is a risk with progression of the disease. At this time, the mass extends into the orbita and nasal fundus as well as into the right nasal cavity.

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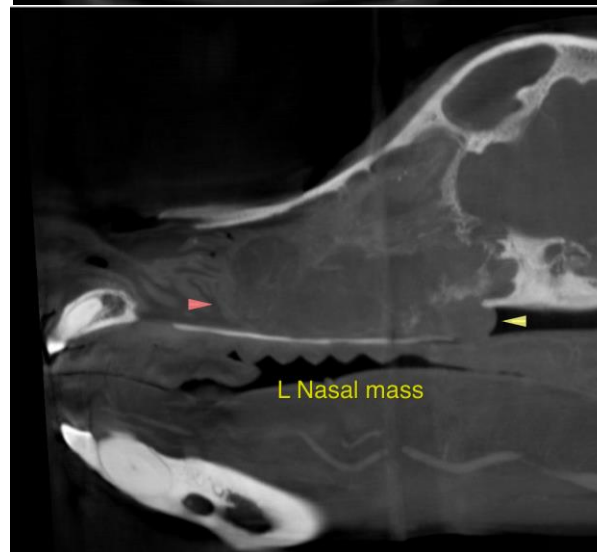
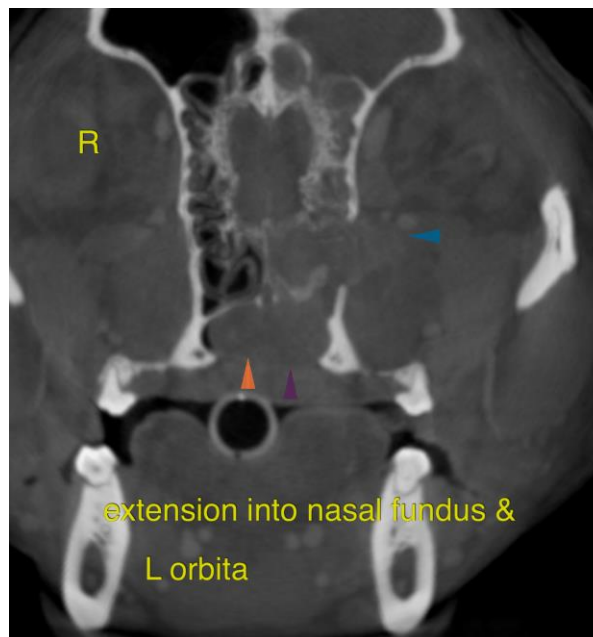
Dr. Runde

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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.

SPECIES

Canine

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.

BREED

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