



PATIENT

Diablo Hardy
Corrigan

PRESENTING CLINICAL SIGNS

Hx chronic diarrhea, KCS, suspected corneal ulcer, left sided epistaxis, enlarged liver, possible chronic pancreatitis, changes consistent with chronic nephropathy on previous ultrasound. There has been discharge from the left eye and epistaxis from the left nostril for the last 3 months. There is continuous purulent material from the left eye and nose, and there is dripping of blood from the left nostril.

SPECIES

Canine

COMPUTED TOMOGRAPHIC STUDY OF THE HEAD & THORAX

Plain and post contrast studies of the head in soft tissue and bone windows and of the thorax in soft tissue and lung windows available for review.

BREED

Terrier X

COMPUTED TOMOGRAPHIC FINDINGS

Head

SEX

MN

The CT study reveals a large ill-defined irregular shaped soft tissue attenuating mass within the left nasal cavity measuring approximately 5 cm in length, 2.5 cm in height, and 3 cm in width. Extensive turbinate destruction is noted as well as polyostotic aggressive osteolysis involving the left palatinal, maxillary, nasal bones, left frontal bone, left bony orbita, and cribriform plate as well as the nasal septum which allows for extension of the mass into the nasal fundus, oral cavity, onto the dorsum of the nose, as well as into the orbita, frontal sinus, and cranial vault. A mild extraaxial mass effect onto the left frontal lobe of the brain is noted. Extensive heterogeneous contrast enhancement of the mass is seen on the post-contrast study.

AGE

15 Years

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

The left medial retropharyngeal and submandibular lymph nodes present within normal limits.

Mild lateral ventriculomegaly of the brain is noted.

Thorax

HOSPITAL NAME

Animal Health
Partners

No evidence of interstitial pulmonary nodules or masses is seen. A 1 cm sized thin walled gas filled cavity lesion is seen in the caudal and dorsal aspect of the right caudal lung lobe.

Moderate tracheal collapse of the cervical trachea is present.

REFERRING VET

Dr. Westgarth

The mediastinal lymph nodes present within normal limits.

Hepatomegaly, mineral material within the renal diverticuli, and other abdominal findings are noted from the prior ultrasound.

COMPUTED TOMOGRAPHIC DIAGNOSIS

INVOICE

51775

- Soft tissue mass with aggressive biological behavior within the left nasal cavity with intracranial, left orbital, nasal fundus, right nasal, frontal sinus, and oral cavity extension.
- Dynamic tracheal disease.
- Pulmonary bulla.

DATE

4-26-22



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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The CT findings of the head are compatible with a malignant nasal neoplasia such as adenocarcinoma, other carcinoma, and less likely lymphosarcoma, or soft tissue sarcoma. Tumor growth is extensive. The long term prognosis is poor.

SPECIES

Canine

If the owner are interested in pursuing palliative tumor treatment, further definition of the tumor type by means of biopsy and histology could be considered.

BREED

Terrier X

At this time, there is no evidence of metastatic disease to the regional lymph nodes or lung.

The pulmonary bulla is likely a spontaneous bulla. No evidence of structural pulmonary pathology is seen. Presence of a bulla may increase the risk of developing spontaneous pneumothorax.

At this time no free air was seen in the pleural space.

SEX

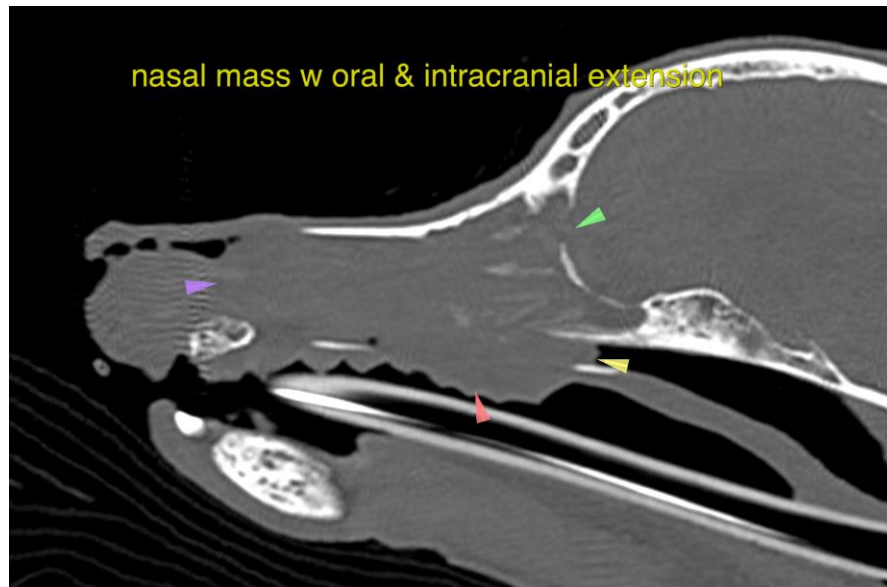
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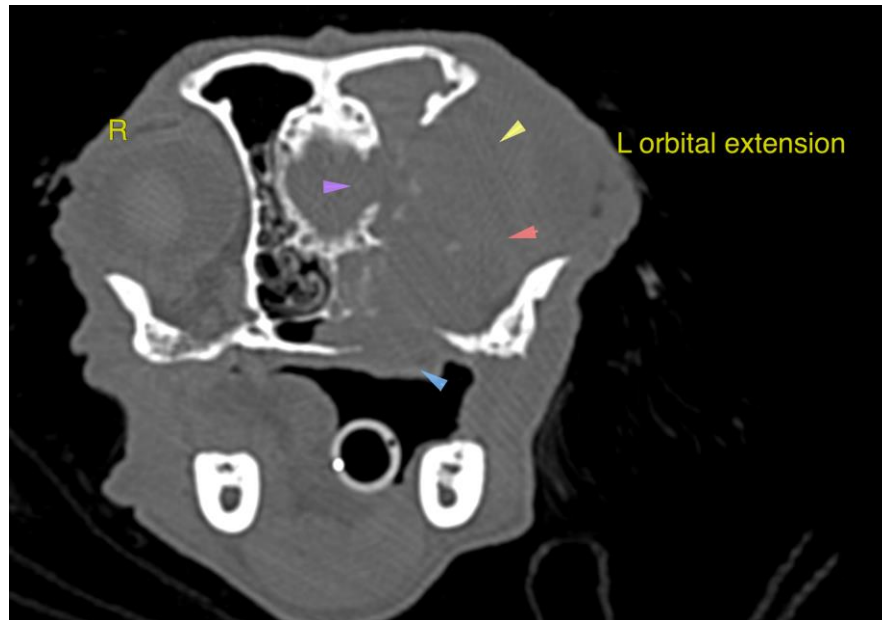
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

Nele Eley, DVM, Dr. med. vet., DipECVDI
European Specialist in Veterinary Diagnostic Imaging, Cert. Radiology,
Senior lecturer University of Giessen, Germany, Veterinary Faculty, Department of Radiology
Nele.Eley@sonopath.com