

**PATIENT PRESENTING CLINICAL SIGNS**

Zoe Davis Nasal discharge, epistaxis and facial swelling.

COMPUTED TOMOGRAPHIC STUDY OF THE HEAD**SPECIES**

Plain and post contrast studies available for review.

Canine

COMPUTED TOMOGRAPHIC FINDINGS**BREED**

Pit Bull Mix

A large irregular shaped and ill-defined soft tissue attenuating mass of approximately 7 x 4.5 x 4 cm is seen within the mid and caudal third of the left nasal cavity. Severe polyostotic aggressive osteolytic changes of the cribriform plate, frontal bone, left bony orbita, nasal septum, left maxillary, and nasal bones, as well as of the hard palate are seen and do allow for extension of the mass into the cranial vault, left orbita, onto the dorsum of the nose, into the nasal fundus, and right nasal cavity. Severe regional turbinate destruction is present. The mass presents heterogeneous contrast enhancement. The left frontal sinus is filled with fluid attenuating contrast negative material. Most of the nasal fundus is occupied by the mass effect. There is a mass effect onto the left frontal lobe of the brain.

SEX

FS

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

AGE

9 Years

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Large expansile soft tissue mass of the left cavity with aggressive biological behavior and extension into the cranial vault, left orbita, nasal fundus, and right nasal cavity, as well as onto the dorsum of the nose.
- No evidence of regional lymphadenomegaly.

INTERPRETED BY

Nele Eley (Ondreka),
DVM Dr. med. vet.,
DipECVDI

INTERPRETATION OF FINDINGS & FURTHER RECOMMENDATIONS

The CT findings are compatible with a malignant soft tissue neoplasia within the left nasal cavity with extension into the cranial vault, left orbita, onto the dorsum of the nose, into the nasal fundus, and right nasal cavity. Differential diagnosis includes adenocarcinoma, other carcinoma, lymphosarcoma, and other. Histology would be required in order to establish a final diagnosis which could help to adjust palliative treatment options accordingly should the owner be interested in pursuing those.

HOSPITAL NAME

Mobile Pet Imaging
CFL

REFERRING VET

Borecky

INVOICE

51343

DATE

4-5-22



PATIENT

Zoe Davis

SPECIES

Canine

BREED

Pit Bull Mix

SEX

FS

AGE

9 Years

INTERPRETED BY

Nele Eley (Ondreka),
DVM Dr. med. vet.,
DipECVDI

HOSPITAL NAME

Mobile Pet Imaging
CFL

REFERRING VET

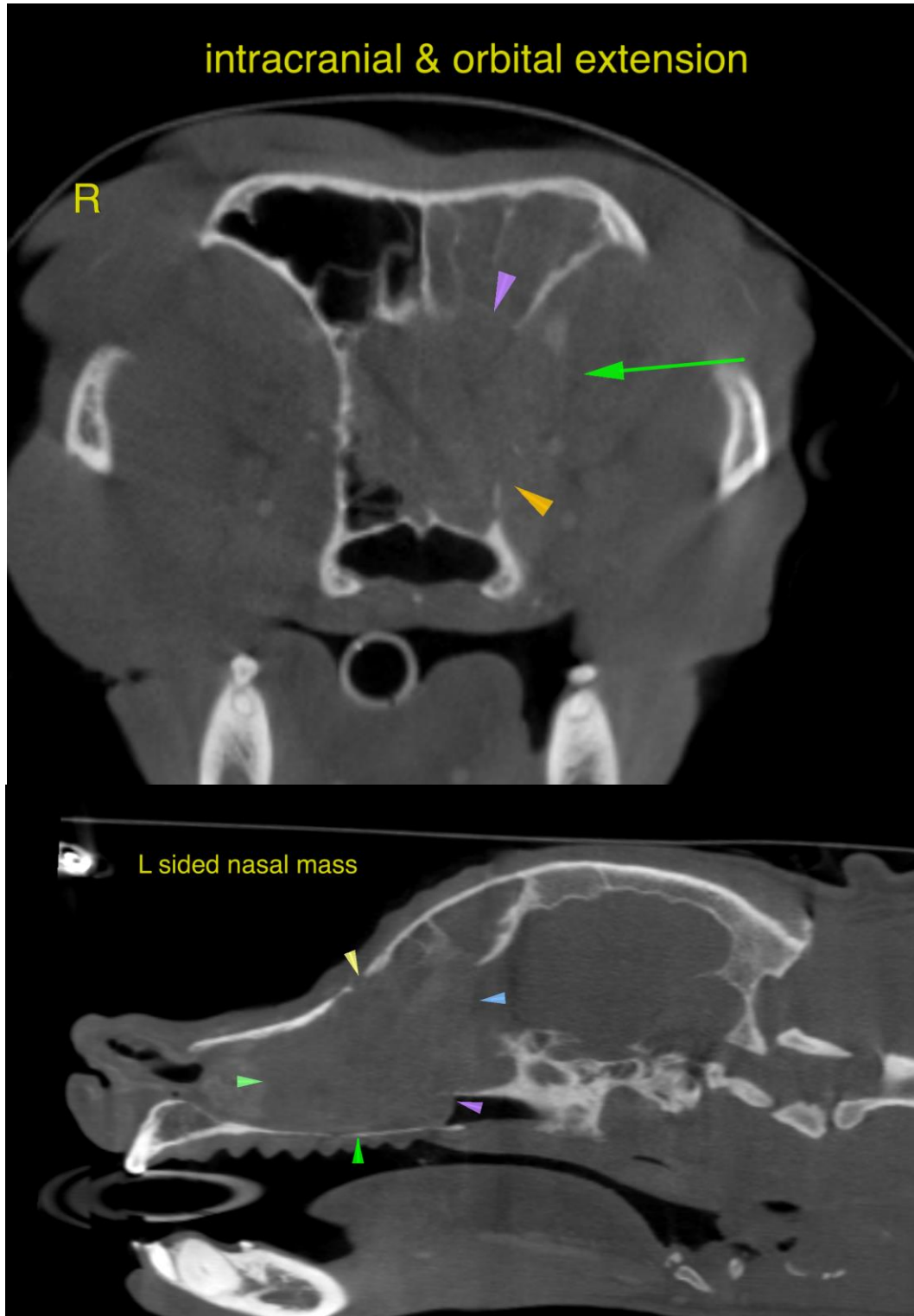
Borecky

INVOICE

51343

DATE

4-5-22



**PATIENT**

Zoe Davis

The information and recommendations provided are based on the images presented by the referring veterinarian. 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

Pit Bull Mix

Nele Eley (Ondreka), 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

SEX

FS

AGE

9 Years

INTERPRETED BY

Nele Eley (Ondreka),
DVM Dr. med. vet.,
DipECVDI

HOSPITAL NAME

Mobile Pet Imaging
CFL

REFERRING VET

Borecky

INVOICE

51343

DATE

4-5-22