



PATIENT

Jackson Gilkinson

SPECIES

Canine

BREED

Pitbull mix

SEX

MN

AGE

10Y

WEIGHT

55lbs

INTERPRETED BY

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

IMAGING PERFORMED BY

Kelsey McCloskey, LVT

HOSPITAL NAME

Advanced Animal
Imaging

REFERRING VET

Blair Hollowell, DVM

INVOICE

73993

DATE

3-2-26

PRESENTING CLINICAL SIGNS

- Referred from ophthalmologist for exophthalmos and decreased retropulsion OS with focal pigmented lesion in iris and
- no response to oral antibiotics and steroids
- r/o mass effect extension within orbit for surgical planning/sampling

COMPUTED TOMOGRAPHIC STUDY OF THE HEAD

Plain and post contrast studies are available for review.

COMPUTED TOMOGRAPHIC FINDINGS

The CT study reveals an irregular shaped infiltrative mass measuring approximately 5 x 3 cm in the caudal left nasal cavity, left frontal sinus, and left orbita. Intracranial extension is present with focal mass effect onto the adjacent left frontal lobe. Multifocal aggressive bone lysis of the cribriform plate, frontal bone, left bony orbit, nasal and frontal sinus are seen. Marked heterogeneous contrast is present within the mass. Mild displacement of the left globe OS accounting for clinical ophthalmos is seen. The extraocular muscles are partially effaced by the mass effect.

The regional lymph nodes are normal in size and morphology.

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Locally invasive neoplasia involving the left nasal cavity, left frontal sinus, and left orbita with intracranial extension.
- Normal regional lymph nodes.

INTERPRETATION OF FINDINGS & FURTHER RECOMMENDATIONS

The CT findings are compatible with a malignant neoplasia such as carcinoma, sarcoma, and less likely round cell neoplasia in the left caudal nasal cavity, left frontal sinus, and left orbita with intracranial extension. The mass is not fully resectable. Ophthalmology follow up can be considered if not performed already. Discuss oncology consultation for treatment options including partial debulking, radiation, or palliative care depending on the type of neoplasia.



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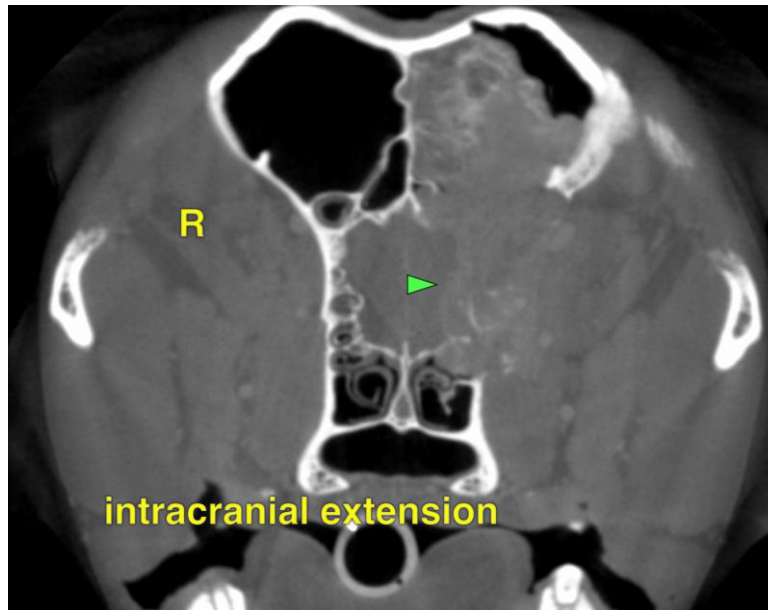
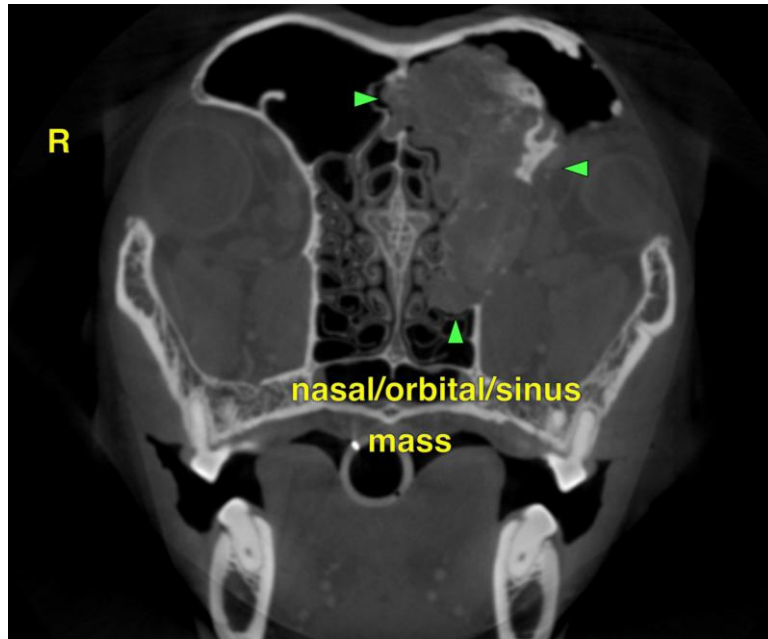
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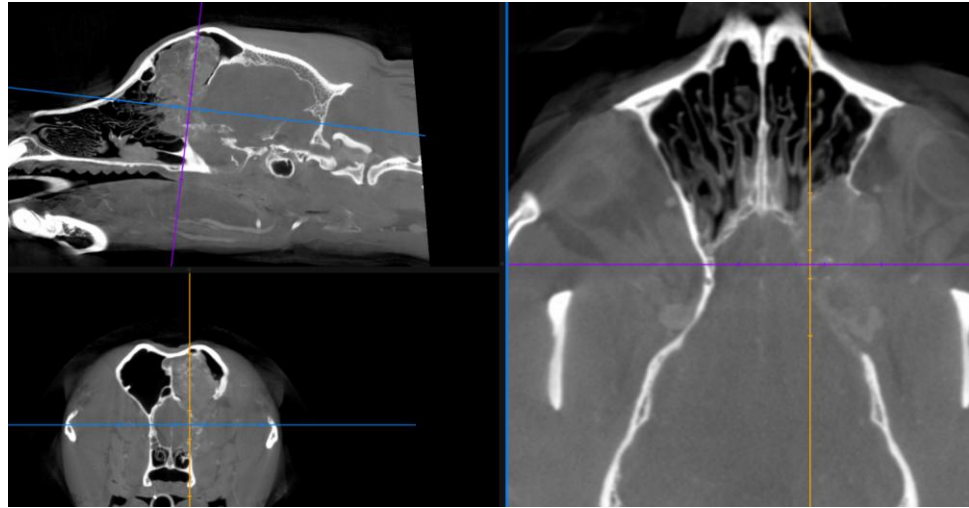
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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