



**PATIENT PRESENTING CLINICAL SIGNS**

Bella Sexton Pet presented for Skull CT Scan. OS: lateral deviation of the eye, epistaxis right nostril. Ultrasound did not reveal any significant findings in the globe.

**SPECIES COMPUTED TOMOGRAPHIC STUDY OF THE HEAD**

Canine Plain and post contrast studies available for review.

**COMPUTED TOMOGRAPHIC FINDINGS**

**BREED**

German Shorthair Pointer Mix

An irregular shaped ill-defined soft tissue mass with moderate nonuniform contrast enhancement is seen within the caudodorsal aspect of the left nasal cavity, left frontal sinus, and medial and dorsal aspect of the left orbita. The mass measures approximately 4.2 x 4.5 cm. Lesion margins, however, are ill-defined. Regional turbinate destruction is noted within the caudodorsal aspect of the left nasal cavity. There is aggressive bone lysis of the left frontal bone and bony orbita with spiculated new bone formation within the left frontal sinus and nasal cavity. The aggressive osteolytic changes extend into the rostral aspect of the left nasal bone as well. Moderate mucosal swelling is noted within the right frontal sinus. There is moderate lateral deviation of the left eye with extensive peripheral soft tissue swelling. The cribriform plate is intact. No evidence of intracranial extension is seen at this point.

**SEX**

FS

**AGE**

12 Years

The retropharyngeal and submandibular lymph nodes present within normal limits.

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

- Soft tissue mass with aggressive biological behavior within the caudodorsal aspect of the left nasal cavity, left frontal sinus, and left orbita.
- Presumably reactive right frontal sinusitis.
- 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 neoplasia within the caudal aspect of the left nasal cavity, left frontal sinus, and left orbita. Differential diagnosis includes adenocarcinoma, other carcinoma, osteo- and chondro-sarcoma, as well as round cell neoplasia. Final diagnosis would require sampling. Further definition by means of sampling could be considered should the owner be interested in pursuing palliative tumor treatment such as tumor irradiation or other depending on the type of tumor.

**HOSPITAL NAME**

Mobile Pet Imaging  
CFL

**REFERRING VET**

Borecky

At this time, there is no evidence of metastases to the regional lymph nodes

**INVOICE**

3-30-22

**DATE**



**PATIENT**

Bella Sexton

**SPECIES**

Canine

**BREED**

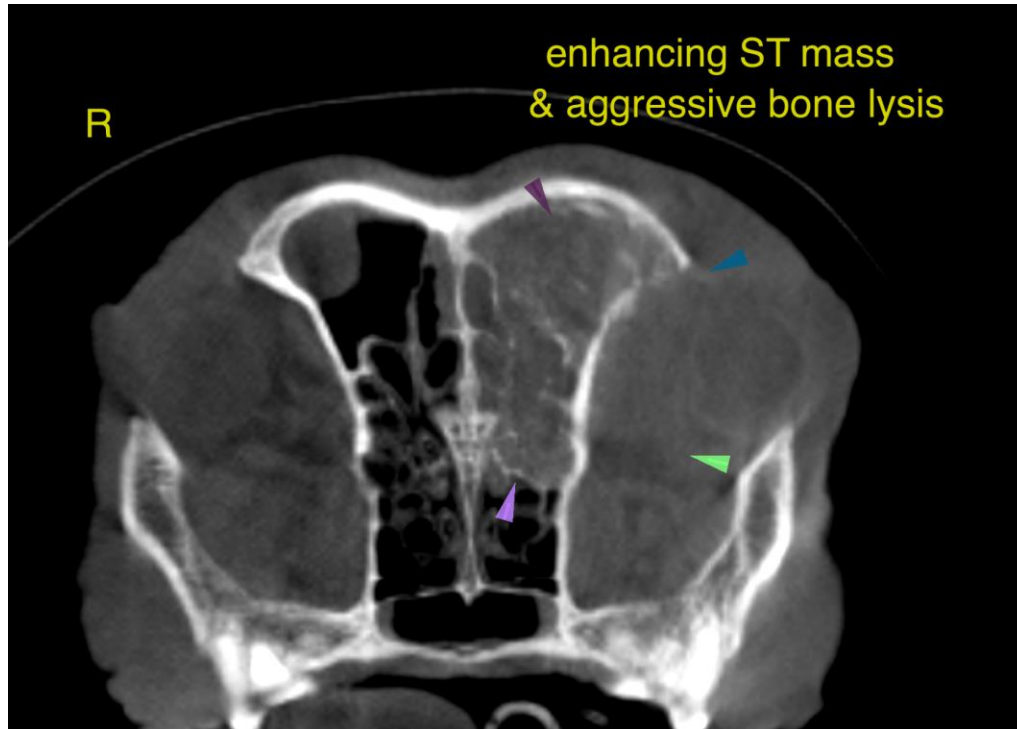
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

**HOSPITAL NAME**

Mobile Pet Imaging  
CFL

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