



PATIENT

Sadie Graham

SPECIES

Canine

BREED

French Bulldog

SEX

F

AGE

3

WEIGHT

9

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet.
DipECVDI

IMAGING PERFORMED BY

Patricia Sanchez
Sanchez

HOSPITAL NAME

Animal Trust - Bolton

REFERRING VET

Patricia Sanchez
Sanchez

INVOICE

74202

DATE

3-16-26

PRESENTING CLINICAL SIGNS

- Chronic nasal discharge and mass protruding from the R nostril. Biopsies taken. 'The histologic appearance is most supportive of a very well-differentiated nasal adenocarcinoma. However, in light of the high degree of differentiation here, the inability to assess for potential invasion in these samples, and Sadie's young age, careful correlation of these results with the lesion progression, clinical presentation, and diagnostic imaging results is essential. Alternative differentials, which are less favoured, but not entirely excluded are a nasal adenoma and exuberant hyperplasia of the nasal glands, potentially secondary to previous surgery or other underlying lesions or inflammation. The lateral nasal gland of the dog is reportedly relatively large; it can be seen grossly and could be confused with a mass lesion.'
- Very difficult to place e-tube for GA
- CT was advised for further investigation and surgical plan if feasible

Abnormal PE/Chem/CBC/UA Results: WBC mildly increased Biochemistry normal

COMPUTED TOMOGRAPHY OF THE SKULL

A high resolution pre- and post-contrast CT study of the skull is provided for review.

COMPUTED TOMOGRAPHIC FINDINGS

The skull has a brachycephalic conformation with significant crowding and rotation of the maxillary premolar teeth.

The tooth elements 105, 305, 311, 405 and 411 are absent.

The nasal cavity is obliterated by an expansile mixed soft tissue attenuating and amorphous mineral attenuating mass with a heterogeneous contrast enhancement pattern. The osseous lining of the nasal cavity presents advanced permeative osteolysis – including the maxillary bone, nasal bone, palatine bone, cribriform plate and presphenoid bone. The nasal mass is protruding into the subcutaneous tissue along the dorsal aspect of the nose, orbital cavity, the submucosa of the hard palate and the rostral cranial fossa. The rostral segment of the nasopharynx is obliterated by the nasal mass.

Both temporomandibular joints present congruent joint spaces with even subchondral bone surfaces and are considered within normal limits.

In the right tympanic bulla, a small amount of gravity dependent, fluid attenuating material is appreciated. The external ear canals are within normal limits.

The brain presents no deviation from normal anatomy and symmetry. The brain parenchyma is homogeneous and within normal limits for attenuation and distribution of contrast enhancement. The ventricular system is non-dilated and symmetric.

The submandibular and medial retropharyngeal lymph nodes are mildly prominent.

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Biologically aggressive primary nasal neoplasia with polyostotic aggressive osteolytic lesions and perforation of the cranial fossa
- Secondary complete mechanical upper airway obstruction
- Mild lymphadenopathy mandibular and medial retropharyngeal lymph nodes bilaterally
- Mild right sided otitis media
- Multiple absent teeth



PATIENT

Sadie Graham

SPECIES

Canine

BREED

French Bulldog

SEX

F

AGE

3

WEIGHT

9

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet.
DipECVDI

IMAGING PERFORMED BY

Patricia Sanchez
Sanchez

HOSPITAL NAME

Animal Trust - Bolton

REFERRING VET

Patricia Sanchez
Sanchez

INVOICE

74202

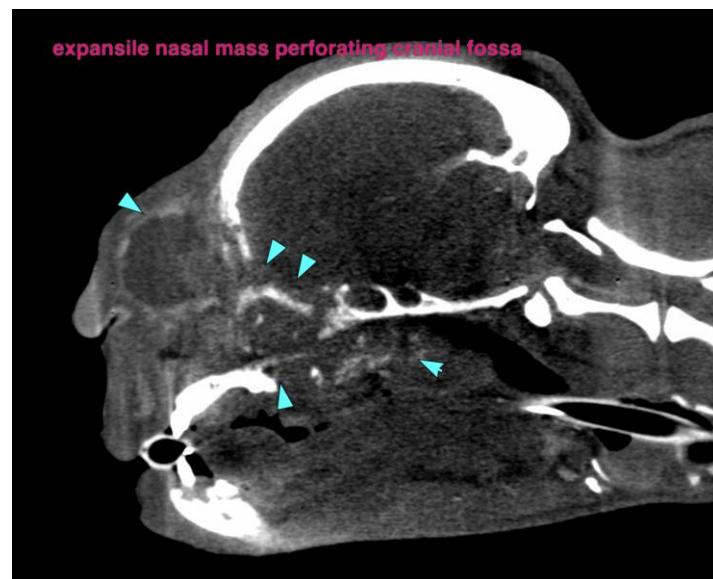
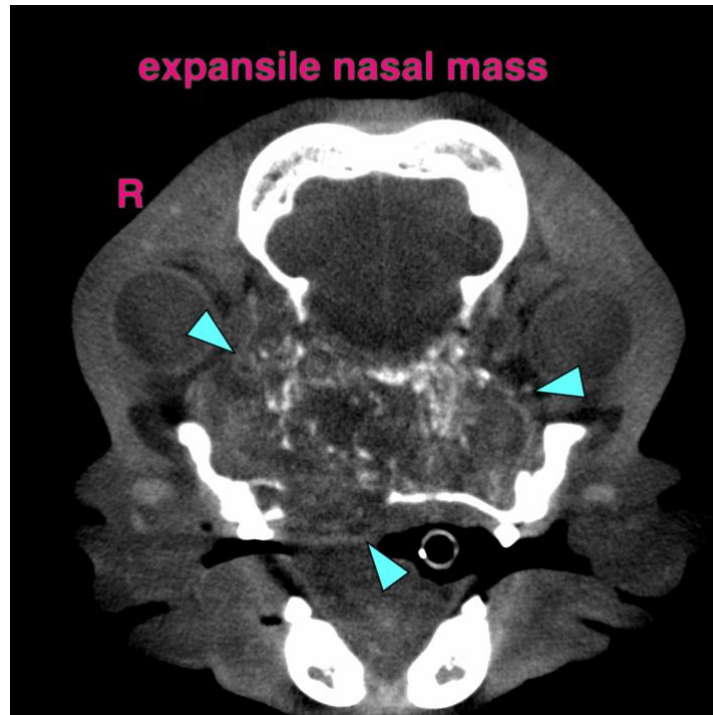
DATE

3-16-26

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The CT findings are supporting the diagnosis of primary nasal neoplasia – given the history the presumptive diagnosis is nasal adenocarcinoma. Other potentials can include nasal hamartoma or primary nasal osseous neoplasia (e.g. osteosarcoma, chondrosarcoma). The Adam tumor stage is 4.

The prominent regional lymph nodes of the skull are equivocal for reactive lymphoid hyperplasia versus metastatic spread. FNA sampling can be performed for specification.





PATIENT

Sadie Graham

SPECIES

Canine

BREED

French Bulldog

SEX

F

AGE

3

WEIGHT

9

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet.
DipECVDI

IMAGING PERFORMED BY

Patricia Sanchez
Sanchez

HOSPITAL NAME

Animal Trust - Bolton

REFERRING VET

Patricia Sanchez
Sanchez

INVOICE

74202

DATE

3-16-26

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.

Sebastian Schaub, Sebastian Schaub, DVM, Dr. med. vet. DipECVDI
info@sonopath.com