



PATIENT

Ellie Toth

PRESENTING CLINICAL SIGNS

Brachycephalic syndrome. Soft palate resection performed in 7/2020 and stenotic nares resection performed in 4/2019. Both surgeries modified on 10/13/2021, post CT scan.

SPECIES

Canine

COMPUTED TOMOGRAPHIC STUDY OF THE HEAD

Plain study available for review.

BREED

French Bulldog

COMPUTED TOMOGRAPHIC FINDINGS

Patient has a history of repeated brachycephalic upper airway surgery.

Severe brachycephalic head conformation with dome shaped calvarium and shortened facial bones is noted.

SEX

Female Spayed

The left frontal sinus is absent. The right frontal sinus is present but rudimentary. Reduced number and folding of nasal turbinates is seen.

AGE

4 Years, 10 Months

A moderate amount of fluid attenuating material is present within the mid and rostral third of both nasal cavities which may be due to the prior surgery.

The dorsomedial aspect of the alar cartilages of the nares are almost completely collapsed. The ventral and lateral parts are patent.

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

The caudal nasopharyngeal lumen is obliterated by soft tissue which in part represents the soft palate; however, the dorsal nasopharyngeal lumen is filled by pharyngeal soft tissue as well.

The right tympanic bulla contains a small otolith.

HOSPITAL NAME

State Avenue Vet
Clinic

An 8mm overlap between the shortened soft palate and tip of the epiglottis is seen as far as measurable with the patient being intubated.

The laryngeal soft tissues present mild generalized thickening.

The laryngeal and tracheal lumen are narrow.

REFERRING VET

Dr. Raul Casas-Dolz

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Severe complex brachycephalic upper airway stenosis with incomplete patency of the nares.
- Nasopharyngeal collapse.
- Tracheal hypoplasia.

INVOICE

47786

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Multiple factors contribute to the brachycephalic airway stenosis in this patient. The soft palate is thick; however, the degree of overlap between the soft palate and tip of the epiglottis is considered within normal limits now after surgery.

DATE

10-13-21

Nasopharyngeal collapse may well contribute to the obliteration of the nasopharyngeal lumen as well next to the thick soft palate.



PATIENT

The presence of fluid within the nasal cavities is likely to be within normal limits after surgery. Rhinitis cannot be ruled out entirely.

Ellie Toth

SPECIES

Canine

BREED

French Bulldog

SEX

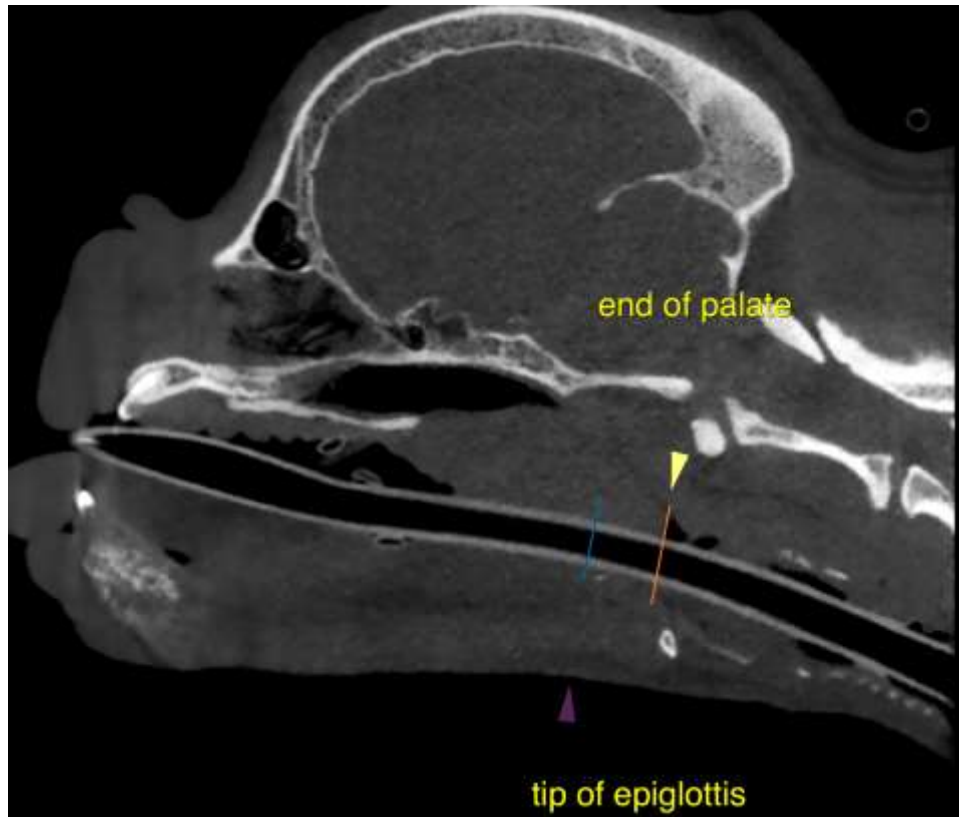
Female Spayed

AGE

4 Years, 10 Months

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI



HOSPITAL NAME

State Avenue Vet
Clinic

REFERRING VET

Dr. Raul Casas-Dolz

INVOICE

47786

DATE

10-13-21

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, 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