



PATIENT PRESENTING CLINICAL SIGNS

PATIENT Harper Johnson
SPECIES Canine
BREED French Bulldog

History: Mass at 404, first noted 5/2021. Mass was removed 5/2021 and submitted for histopath. Histopath results from rDVM: "Sections of gingiva with a submucosal mass are examined. This mass is composed of haphazardly-arranged spindle to stellate cells which are separated by moderate numbers of small blood vessels. These cells have a small amount of cytoplasm and small round to oval nuclei with a low mitotic index. There is a moderate amount of fibrous stroma. There are islands of bone in the stroma. The overlying mucosa is hypertrophied. **MICROSCOPIC FINDINGS:** Ossifying epulis **COMMENT:** This lesion extends to the margin of the specimen. Epulides are derived from the periodontal ligament. These lesions occasionally recur and infiltrate underlying bone. Monitoring of this site is warranted. **PATHOLOGIST:** JAY TAPPE DVM, PhD"

COMPUTED TOMOGRAPHIC STUDY OF THE SKULL

SEX

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

COMPUTED TOMOGRAPHIC FINDINGS

The skull has a brachycephalic conformation of the splanchnocranium and rotation of the maxillary premolar teeth is appreciated.

AGE

3 Years

Triadan 305, 311, 405 and 411 are absent. Originating from the alveolar crest of triadan 404, a polypoid mass with central granular mineralization is seen, bulging beyond the gingival surface; the alveolar crest of triadan 404 is significantly widened by the mass. The mass of the alveolar crest of triadan 404 is measuring approximately 1.5 x 1.5 x 1.8 cm in size. Post contrast administration, the mass has a homogeneous contrast enhancement pattern.

INTERPRETED BY

Sebastian Schaub,
 DVM Dr. med. vet.
 DipECVDI

The nasal cavity presents the expected aerated spaces between thin & even conchae and turbinates with smooth mucosal lining.

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The mandibular fossa of the zygomatic process of the temporal bone bilaterally is shallow, L > R. The condylar process of the mandible bilaterally is articulating with the retroarticular process of temporomandibular joint bilaterally and the subchondral bone of the condylar process presents a corresponding concave depression of the surface.

REFERRING VET

Dr. Fugazzi

Both tympanic bullae are aerated, the mucosal lining is not seen, the bony wall is smooth and thin. The external ear canals are within normal limits.

INVOICE

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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 small and elongated with a normal short-to-long-axis-ratio is < 0.5, the attenuation and contrast enhancement pattern is uniform.

DATE

3/2/23



PATIENT Level with the intervertebral disc space C3/C4, mineralized disc material is protruding into the left ventral aspect of the vertebral canal, mildly distorting the dural tube at the same level.

Harper Johnson

Moderate mineralization of the intervertebral disc C2/C3 is appreciated.

SPECIES **COMPUTED TOMOGRAPHIC DIAGNOSIS**

Canine

- Polypoid mass arising from the alveolar crest of triadan 404 with central granular mineralization and focal expansion of the alveolar crest
- Dysplasia temporomandibular joints bilaterally
- Mild intervertebral disc protrusion C3/C4 with possible dynamic myelocompression
- Absent triadan 305, 311, 405 and 411
- Chondroid disc degeneration C2/C3

BREED

French Bulldog

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

SEX The clinically appreciated mass is originating from the alveolar crest of triadan 404 and is highly suggestive for peripheral odontogenic fibroma (formerly fibromatous and ossifying epulis). A differential is acanthomatous ameloblastoma – but histopathology results do not support the diagnosis.

Spayed Female

AGE Complete resection of the mass may warrant extraction of triadan 404.

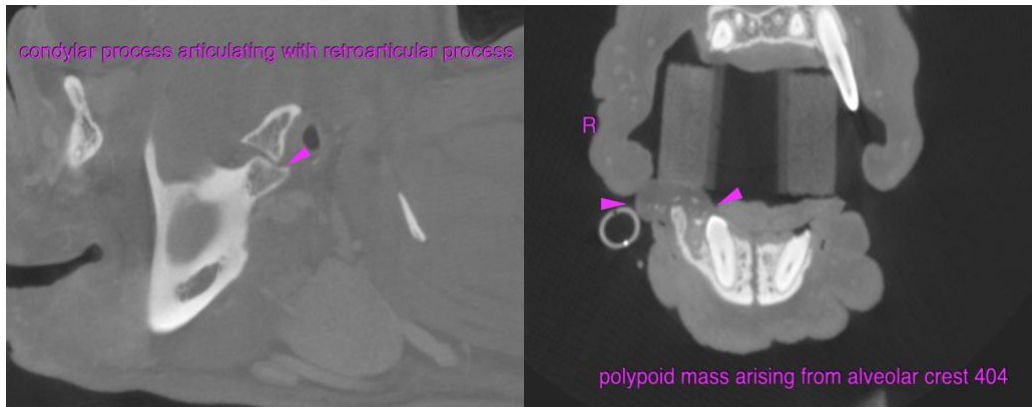
3 Years

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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.

REFERRING VET

Dr. Fugazzi

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.

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Sebastian Schaub, Sebastian Schaub, DVM, Dr. med. vet. DipECVDI
sebast.schaub@gmail.com

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PATIENT

Harper Johnson

SPECIES

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BREED

French Bulldog

SEX

Spayed Female

AGE

3 Years

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