



PATIENT PRESENTING CLINICAL SIGNS

PATIENT Boots Hagins
SPECIES Canine
BREED Pug Mix

History: Boots presented today for further evaluation of a left mandibular oral mass. On 2/2/22 he had an abdominal ultrasound done by Dr. Parker due to chronic GI issues. Boots is chronically taking prednisone 10mg and cerenia daily for suspected IBD. The ultrasound showed some mild hepatopathy. Owners do feed I/D and some home cooked meals that are low fat and bland. On 3/25/22, his folks brought him in to Dr. Codd due to presence of a left mandibular oral mass that they had noted within his mouth. He had dental xrays, dental cleaning, and mass removal for biopsy done on 4/5/22. Pathology review showed anaplastic sarcoma and IHC stains did not confirm either FSA or melanoma. The pathologist feels that it is likely FSA or amelanotic melanoma. The mass unfortunately has grown back quickly since surgery. Owners are concerned with another mass on the right side of his chest. It has been there for 5-6 months and is not changing much. Today, Boots is feeling a little lethargic.

COMPUTED TOMOGRAPHIC STUDY OF THE SKULL

SEX Neutered Male

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

COMPUTED TOMOGRAPHIC FINDINGS

AGE 14 Years

The tooth elements 106-109, 205, 206, 301-303, 307, 308, 401-403, 406-408 and 410 are absent. The distal root of triadan 208 presents with a resorptive lesion. Level with absent triadan 107/108 a connection between the oral- and nasal cavity is appreciated. The remaining teeth present evidence of mild to moderate periodontal disease. Triadan 201&202 present moderate periapical widening of the periodontal space. At the mesial aspect of triadan 404, a small hypoattenuating roundish lesion is seen, measuring 4 mm in diameter.

INTERPRETED BY

Sebastian Schaub, DVM Dr. med. vet. DipECVDI

The body of the left mandible, level with triadan 306 to 309 presents permeative osteolytic lesions with an associated uniform soft tissue attenuating and heterogeneous contrast enhancing mass; measuring 1.7 x 1.7 x 3.0 cm in size.

HOSPITAL NAME

Southern Oregon VSC

Moderate destruction of the right nasal conchal structures is appreciated.

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

REFERRING VET

Kim Winters

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

INVOICE

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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.

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.

DATE

4/28/22



PATIENT

Boots Hagins The left mandibular lymph nodes are prominent and rounded with a mild altered more homogeneous contrast enhancement pattern.

COMPUTED TOMOGRAPHIC DIAGNOSIS

SPECIES

Canine

- Monostotic aggressive osteolytic lesion left body of the mandible with an associated soft tissue mass
- Lymphadenopathy left mandibular lymph nodes
- Oronasal fistula level with absent triadan 107 and secondary destructive odontogenic rhinitis
- Periapical granuloma formation 201&202

BREED

Pug Mix

- Suspect small lateral periodontal cyst triadan 404
- Generalized mild to moderate periodontal disease of the remaining teeth
- Multiple absent teeth

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

SEX

Neutered Male

The left mandibular mass is fitting the history of suspected sarcoma. Complete surgical excision of the mass by left sided hemimandibulectomy is considered feasible – osteotomy lines should be mesial to triadan 304 and distal to triadan 309. Be aware, that the enlarged mandibular lymph nodes are highly concerning for local metastatic spread, FNA sampling can be used to confirm the diagnosis.

AGE

14 Years

Recommend full tumor staging.

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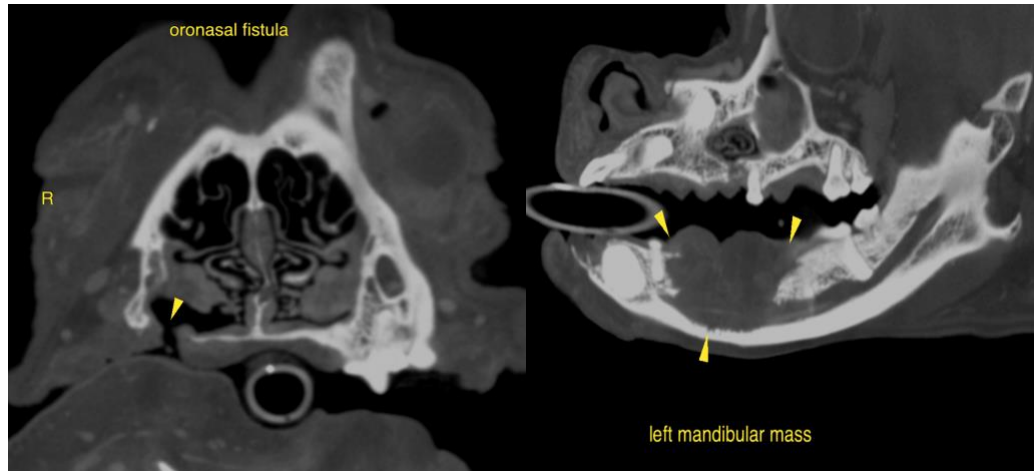
Boots Hagins

SPECIES

Canine

BREED

Pug Mix



SEX

Neutered Male

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.

AGE

14 Years

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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