
PATIENT PRESENTING CLINICAL SIGNS

Charli Cabrera About 10 days ago, she was reluctant to eat her food which is abnormal, also seems painful in her mouth; PE entire 100 quadrant severe gingivitis and mobile teeth; scheduled dental for today, when got under anesthesia, 105-109 fell out with minimal manipulation, reviewed CT and noticed no maxillary bone present and proliferative as well as lytic lesions, owner agreed to histopath and CT consult with contrast chest rads no signs of metastasis submitting pre dental CT as well as post contrast, the teeth did fall out after cleaning before the post CT; I am submitting the tissue from the 100 quadrant for pathology as well starting Clindamycin today to cover bases.

SPECIES

Canine

BREED

Pug

Abnormal PE/Chem/CBC/UA Results: BW WNL

COMPUTED TOMOGRAPHIC STUDY OF THE HEAD

Plain and post-contrast studies are available for review.

SEX

Spayed Female

AGE

9.8 Years

COMPUTED TOMOGRAPHIC FINDINGS

The patient is a brachycephalic dog. An irregular shaped and ill-defined soft tissue attenuating mass of approximately 4.0 cm in length and 2.5 cm in width and 2.5 cm in height is seen in the right maxilla. The mass can be traced throughout the entire length of the right maxillary alveolar margin as well as throughout the right zygomatic arch. Severe aggressive osteolysis of the zygomatic arch, right maxillary, palatal, and nasal bones is seen, which allows for extension of the mass into the orbita as well as into the right nasal cavity. Regional turbinate destruction is noted as well as a mild right-sided exophthalmos. The mass presents moderate non-uniform contrast enhancement.

INTERPRETED BY

 Nele Eley (Ondreka),
 DVM Dr. med. vet.,
 DipECVDI

Triadans 105-109 are absent on the post-contrast study. Moderate periodontal disease of all left maxillary teeth is seen.

The right submandibular lymph nodes are moderately enlarged.

Right-sided atrophy of the masticatory muscles is noted.

HOSPITAL NAME

Boca Park AH

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Mass of the right maxilla and zygomatic arch with aggressive osteolysis and extension into the right orbita as well as into the right nasal cavity.
- Moderate right submandibular lymphadenomegaly.
- Periodontal disease.
- Right-sided atrophy of the masticatory muscles, secondary to disuse.

REFERRING VET

Dr. Spaulding

INVOICE

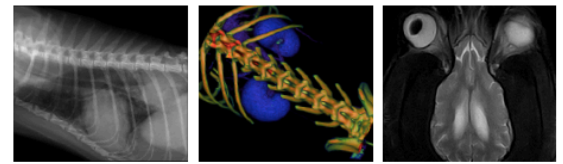
44584

DATE

8/9/23

INTERPRETATION OF FINDINGS & FURTHER RECOMMENDATIONS

The CT findings are highly suggestive for a neoplasia with aggressive osteolysis of the right maxillary, nasal, and palatal bones as well as of the right zygomatic arch. Differential diagnosis include osteosarcoma, chondrosarcoma, soft tissue sarcoma, and less likely squamous cell carcinoma or nasal adenocarcinoma. Final diagnosis can hopefully be established by means of the performed sampling and histology. The findings are not typical or compatible with osteomyelitis unfortunately.



PATIENT The findings of the right submandibular lymph nodes are suggestive for metastatic disease. Reactive hyperplasia is a potential differential diagnosis. Fine needle aspiration is recommended for further definition.

Charli Cabrera

SPECIES

Canine

BREED

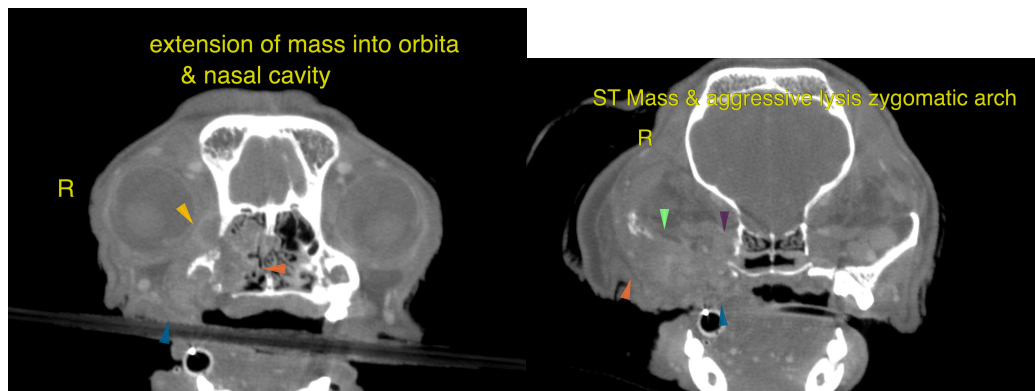
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

INTERPRETED BY

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