



PATIENT

Mibo Fuller

PRESENTING CLINICAL SIGNS

Left facial mass- open pending histopathology

SPECIES

Canine

COMPUTED TOMOGRAPHIC STUDY OF THE HEAD & THORAX

Plain and post contrast studies available for review.

BREED

Pug

Head

An approximately 4.5 x 4 x 3.5 cm sized multilobulated hypoattenuating mass with cavitations and heterogeneous enhancement is seen in the left side of the face. The mass extends into the left orbita, left nasal cavity, and onto the dorsum of the nose. A small defect is seen within the ventral aspect of the left cribriform plate. Polyostotic aggressive osteolysis of the left nasal, maxillary bones, and left bony orbita is seen. Regional turbinate destruction is noted. There is a left sided exophthalmos. Frontal bone lysis is noted as well. The mass effect occupies most of the nasal cavity.

SEX

MN

AGE

14 Years

Multifocal periodontal disease with periapical alveolar bone lysis accentuating the triadans 108 and 208 is seen. There are multiple resorptive lesions of the dental necks.

The regional lymph nodes present within normal limits.

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

Thorax

No evidence of pulmonary metastatic disease is seen.

A multifocal peribronchial interstitial pattern is noted in combination with volume loss.

HOSPITAL NAME

Animal Surgical
Center

The mediastinal lymph nodes present within normal limits.

No evidence of cardiovascular pathology is seen.

Redundancy of the cranial thoracic esophagus and generalized tracheal hypoplasia are noted.

REFERRING VET

Heights Animal
Hospital

There is a small intermuscular left thoracic wall lipoma.

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Soft tissue mass in the left side of the face with aggressive biological behavior and extension into the nasal cavity and left orbita.
- No evidence of metastatic disease to the regional lymph nodes.
- No evidence of pulmonary metastases.
- Bronchointerstitial lung pattern.
- Tracheal hypoplasia
- Esophageal redundancy as common in this breed.
- Multifocal periodontal disease.

INVOICE

56559

DATE

2-2-23



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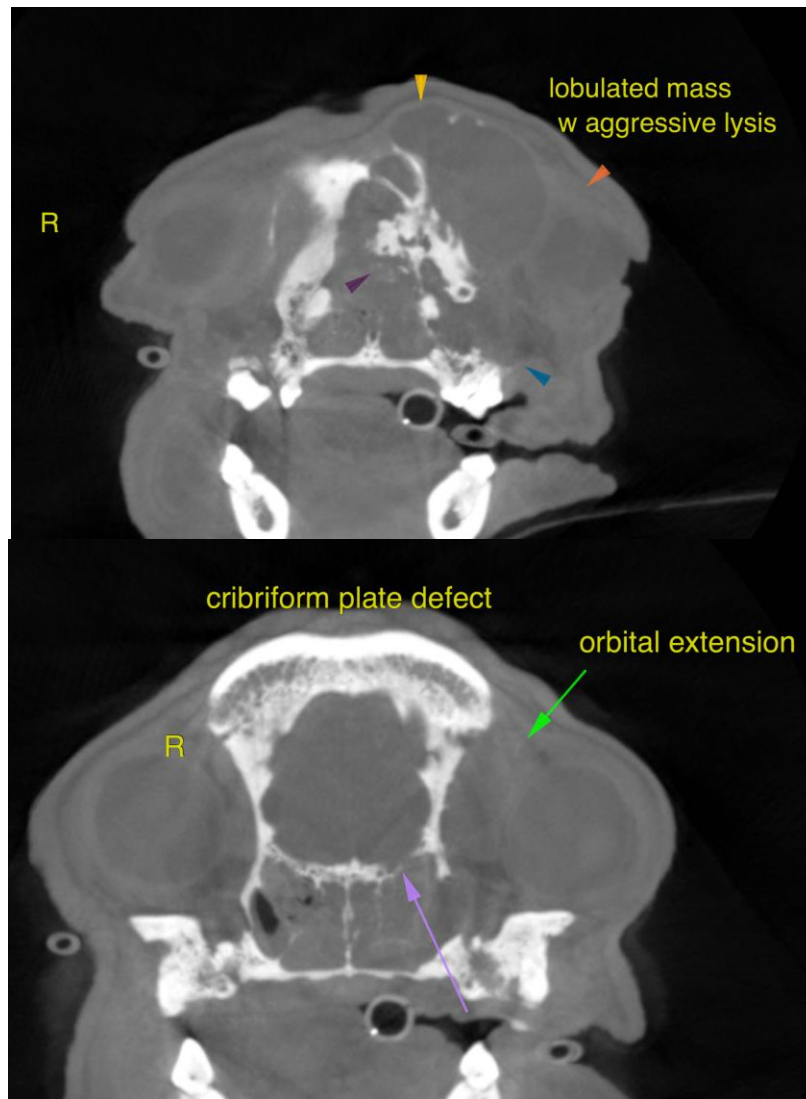
2-2-23

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The CT findings are compatible with a malignant soft tissue neoplasia with polyostotic secondary aggressive osteolysis. The mass extends into the left nasal cavity and left orbita. Early intracranial extension is noted. Differential diagnosis includes soft tissue sarcoma, chondrosarcoma, round cell neoplasia and less likely nasal adenocarcinoma. Final diagnosis will require sampling for histology.

At this time there is no evidence of metastatic disease to the regional lymph nodes or lung.

The findings of the lung are likely to be enhanced by anesthesia related atelectasis. However, lower airway disease such as allergic / eosinophilic bronchopneumopathy or irritant / infectious bronchitis cannot be ruled out entirely.





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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.

SPECIES

Canine

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.

BREED

Pug

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