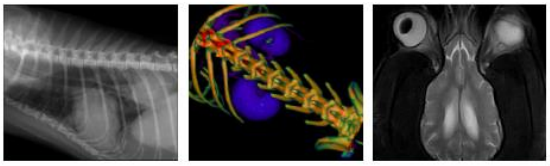
SonoPath Teleradiology

EDUCATIONAL TELECONSULTATION SERVICES™



SonoPath.com
1-800-838-4268 info@sonopath.com

PATIENT

Muffins Simpson

SPECIES

Feline

BREED

DSH

SEX

Spayed Female

AGE

13 Years

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

HOSPITAL NAME

Aloha Pet & Bird Hospital

REFERRING VET

Dr. Smith

INVOICE

50239

DATE

2-10-22

PRESENTING CLINICAL SIGNS

p presented to the emergency center about one week ago for inappetance. oral lesion seen on brief oral exam. on clindamycin, gabapentin and neopolybac ophthalmic ointment. mild response to medications - will eat some food. mild bupthalmos and mild facial assymetry. ulcerated lesion with visible bone erosion seen on sedated oral exam. biopsy obtained from portion within the oral cavity.

COMPUTED TOMOGRAPHIC STUDY OF THE HEAD & THORAX

Plain and post contrast studies of the head and post contrast study of the thorax available for review.

COMPUTED TOMOGRAPHIC FINDINGS

Head

An approximately 3.0 x 2.0 cm sized soft tissue attenuating mass is seen within the mid and caudal third of the right nasal cavity. There is extensive turbinate and conchae destruction. Severe polyostotic aggressive osteolysis of the hard palate, maxillary, and nasal bones as well as the right orbita is seen and allows for intraoral as well as right sided retrobulbar extension of the mass. The mass also extends into the nasal fundus and deviates the nasal septum to the left side. Early cribriform plate lysis in the right ventral aspect of the cribriform plate is seen and supports the presence of early intracranial extension.

A mild amount of fluid attenuating material is present within the right and left frontal sinus.

The regional lymph nodes present within normal limits.

Thorax

The bony and surrounding soft tissue structures are within normal limits.

The sternal, cranial mediastinal and tracheobronchial lymph nodes are small elongated with a normal short-to-long-axis-ratio is < 0.5, the attenuation and contrast enhancement pattern are uniform and considered within normal limits.

The cardiovascular structures including the pulmonary vasculature are within normal limits.

The bronchial tree presents with regular branching and tapers uniformly towards the periphery as expected, the bronchial walls are thin and smooth. The bronchus-to-artery ratio is within normal limits.

The lung parenchyma presents the expected architecture and attenuation behavior.

Small incidental gas pockets are seen within the esophageal lumen, there is no evidence of abnormal dilation.

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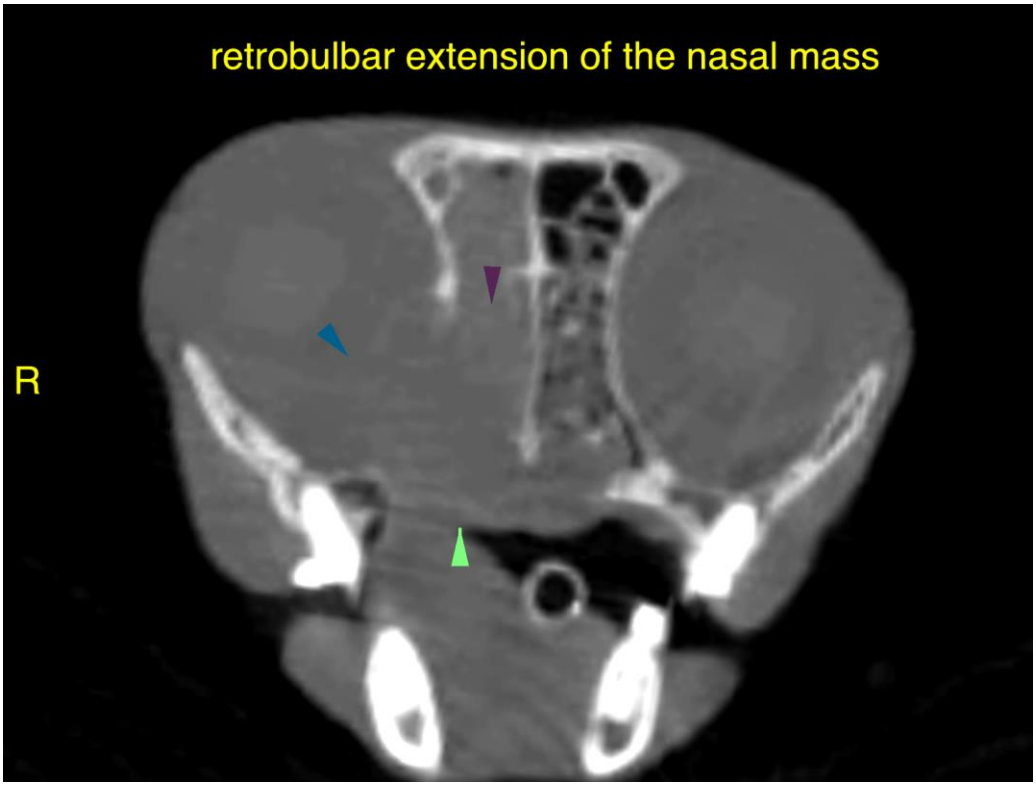
COMPUTED TOMOGRAPHIC DIAGNOSIS

- Soft tissue mass with aggressive biological behavior within the right nasal cavity with intraoral, right sided orbital, and early intracranial extension.
- Bilateral secondary obstructive sinusitis.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The CT findings are compatible with a malignant soft tissue neoplasia within the nasal cavity with intraoral and right sided orbital as well as early intracranial extension. Differential diagnosis includes nasal lymphoma, adenocarcinoma, other carcinoma, and other. Final diagnosis requires histology. The CT findings should be correlated with the pending results of the sampling.

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



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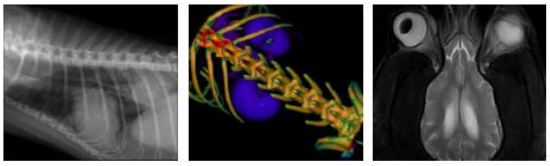

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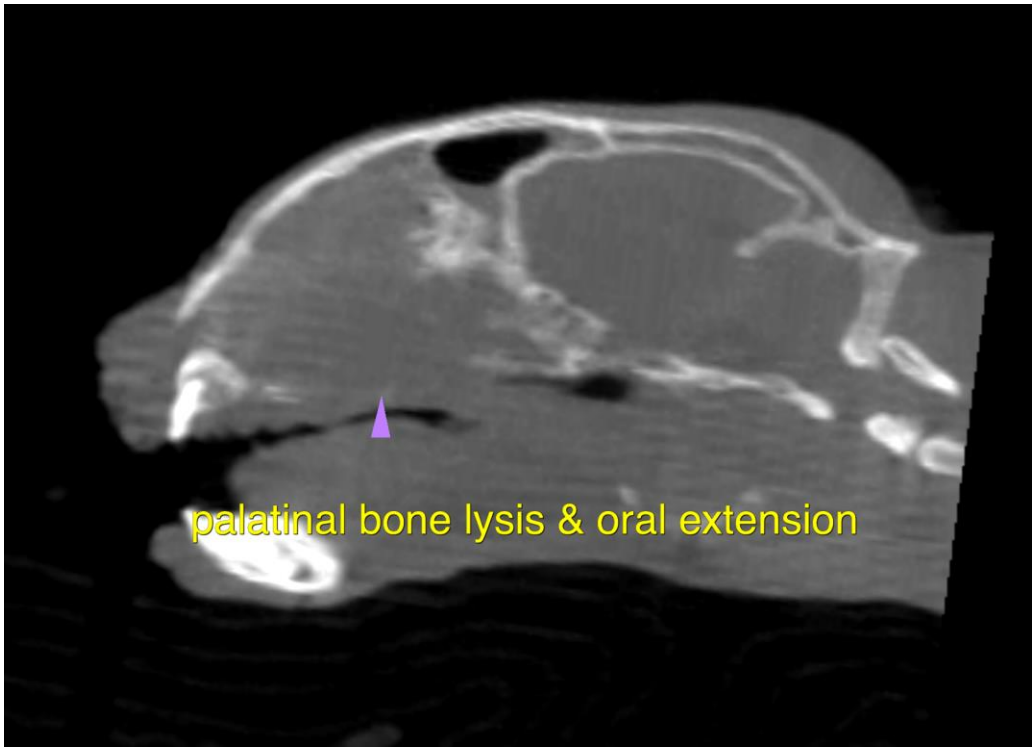

The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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