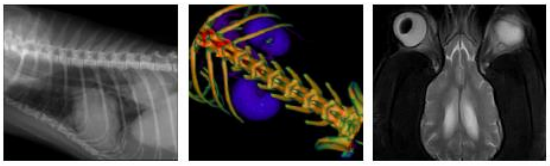
SonoPath Teleradiology

EDUCATIONAL TELECONSULTATION SERVICES™



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

PATIENT

Kobe French

SPECIES

Canine

BREED

Mix

SEX

N

AGE

10 Years

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

HOSPITAL NAME

Petroglyph Animal Hospital

REFERRING VET

Alice Ku

INVOICE

53042

DATE

7-23-22

PRESENTING CLINICAL SIGNS

Several months history of epistaxis and nasal congestion.
Abnormal PE/Chem/CBC/UA Results: Mass effect protruding from right nare. Bloodwork: ALT 428 and ALP >2000

COMPUTED TOMOGRAPHY OF THE SKULL

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

COMPUTED TOMOGRAPHIC FINDINGS

The pictured parts of the dentition are complete and unremarkable in all jaw quadrants.

The right nasal cavity is occupied by a soft tissue attenuating and heterogeneous contrast enhancing mass. Advanced destruction of the associated nasal conchal & turbinate structures is seen. The nasal septum is deviated to the left by the mass effect. The right maxillary, palatine and frontal bone present aggressive osteolytic lesions. The perpendicular plate of the right palatine bone is perforated, and the right nasal mass is mildly bulging into the medial aspect of the right orbit. The mass is perforating the nasal septum and is protruding into the left nasal cavity. Lysis of the cribriform plate is present, and the nasal mass is mildly bulging into the rostral cranial fossa.

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

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 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.

The mandibular lymph nodes are cropped by the field of view.

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Right sided biologically aggressive nasal soft tissue neoplasia
- Secondary polyostotic aggressive osteolytic lesions of the associated osseous structures and perforation of the cranial fossa

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The CT study is consistent with primary nasal neoplasia originating from the right nasal cavity, with secondary osteolytic lesions of the associated osseous structures and perforation of the cranial fossa. Differentials include adenocarcinoma, squamous cell carcinoma, transitional cell carcinoma, lymphosarcoma, other. Rhinoscopy including biopsy can be used as advanced diagnostic tests. Based on the results of the advanced diagnostic tests, the chances of radiation therapy can be discussed with oncologist. The Adam tumor stage is T4.

Consider full tumor staging.

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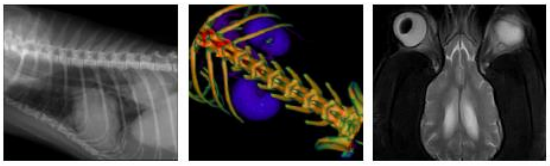

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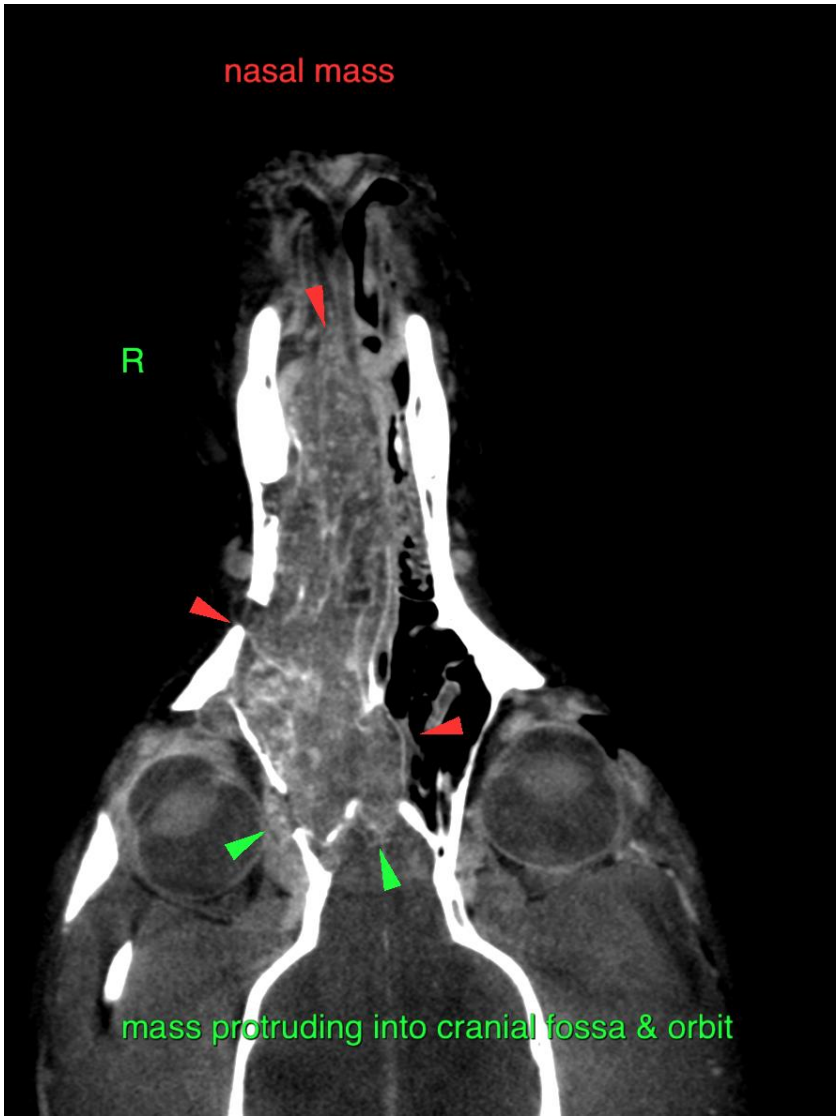

The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

Sebastian Schaub, Sebastian Schaub, DVM, Dr. med. vet. DipECVDI
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