



PATIENT PRESENTING CLINICAL SIGNS

PATIENT
Tika Dambly

SPECIES
Feline

BREED
DSH

SEX
FS

AGE
13

INTERPRETED BY
Nele Eley, DVM
Dr. med. Vet. DipECVDI

HOSPITAL NAME
Southern Oregon
Veterinary Specialty
Center

REFERRING VET
Rory Applegate

INVOICE
53625

DATE
8-22-22

Tika presents to the SOVSC Internal Medicine Service for evaluation of ophthalmic and oral pathology. Today we performed a physical examination and labwork to monitor Tika's disease state and built upon the diagnostics performed through your family veterinarian. The following diagnostics were recommended and performed at today's visit: Labwork: pcv chem8 Imaging: CT scan of the head Procedures: Intraoral biopsies following CT assessment Send-Out Diagnostics: Biopsies, tissue culture; cryptococcus testing Summary: Initial impressions of Tika's diagnostics show stable labwork with adequate organ function, electrolyte balance; normal red blood cell levels. The CT showed a region of periorbital, nasal, and oral mass effect. Based on this information I am most concerned about an aggressive neoplasia with a secondary bacterial and/or fungal infection. Full CT report and samples of the mass effect are pending. Recommendations: Medications will be sent home for comfort care. Followup/Next steps: Dr. Applegate will call with the pending CT and biopsy/culture results. These are anticipated in 24-48h for the CT and 7-14 days for the biopsy and cultures.

COMPUTED TOMOGRAPHIC STUDY OF THE HEAD

Plain and post contrast studies available for review.

COMPUTED TOMOGRAPHIC FINDINGS

Extensive aggressive osteolysis of the right nasal and maxillary bones is seen. There is a large amount of spiculated new bone with an unsharp surface in the right rostral maxilla and nasal bone. The changes blend and extend into the right zygomatic arch and bony orbita. Diffuse and ill-defined concurrent soft tissue swelling with increased and heterogeneous contrast enhancement as well as mild mass effect is seen causing right sided exophthalmos and causing turbinate destruction within the right nasal cavity. Aggressive osteolytic changes of the right hard palate are present as well. Part of the soft tissue mass effect extends into the right retropharyngeal area up to the level of the right tympanic bulla.

The right tympanic bulla contains a mild amount of fluid attenuating material.

The right submandibular lymph nodes present within normal limits. The right medial retropharyngeal lymph node is mildly enlarged and presents heterogeneous contrast enhancement.

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Polyostotic aggressive osteolysis with ill-defined soft tissue swelling and mass effect within the right maxilla, right nasal cavity, right orbita and right retropharyngeal space.
- Right sided medial retropharyngeal lymphadenomegaly.
- Right sided otitis media.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The CT findings are compatible with a neoplasia with aggressive biological behavior. Differential diagnosis includes fibrosarcoma, osteosarcoma, chondrosarcoma, and less likely adenocarcinoma/other carcinoma and lymphosarcoma. Final diagnosis would require sampling for histology which could be considered to perform along with full staging in case the owner wants to pursue tumor treatment.



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The changes of the right lymph node may represent reactive hyperplasia. Early metastatic disease should be ruled out by means of fine needle aspiration.

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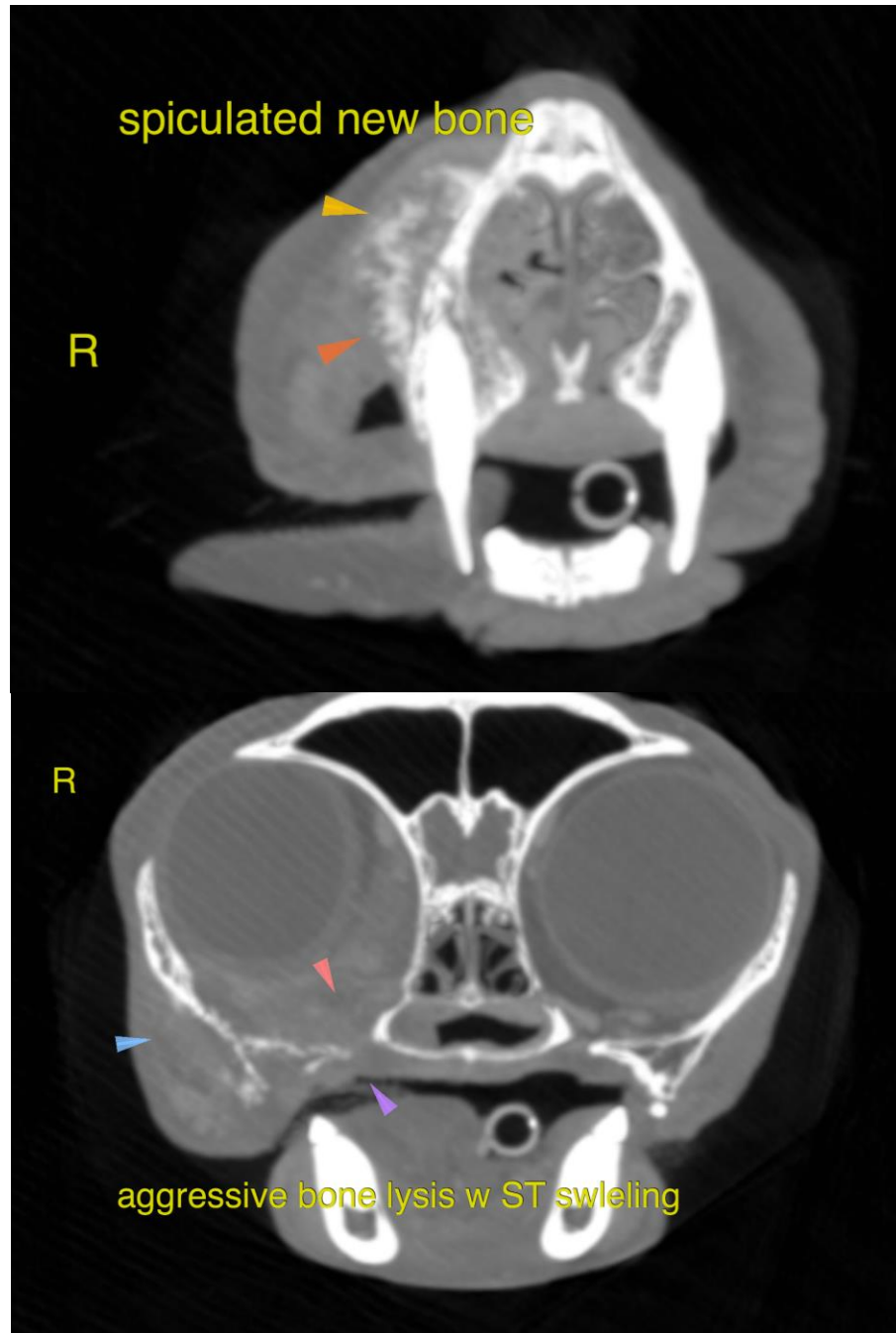
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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