



PATIENT PRESENTING CLINICAL SIGNS

PATIENT
 Roxy Tiberi

SPECIES
 Canine

BREED
 Jack Russell Terrier X

Presented for evaluation of exophthalmus of the right eye. The symptoms have been progressive and non responsive to antibiotics. She had her vaccinations March 2. She was in good health. Then about 2 weeks later her third eyelid was protruding. The eye was bulging. Her eyelid was inflamed but then go down. She has been reluctant to eat her own food but will eat and drink normally. In the past few days, she's not chewing her food and has then thrown it up. Abnormal PE/Chem/CBC/UA Results: The right globe is exophthalmic and deviated laterodorsally. The 3rd eyelid is protruding OD. I cannot retropulse the right eye normally. There are multifocal regions of skin thickening and hyperpigmentation consistent with chronic steroid use. Dermal mass ventral to the anus Grade 2 systolic heart murmur.

COMPUTED TOMOGRAPHIC STUDY OF THE HEAD

Plain and post contrast studies in soft tissue and bone windows available for review.

SEX COMPUTED TOMOGRAPHIC FINDINGS

SEX
 FS

AGE
 14 Years

A large ill defined and irregular shaped soft tissue attenuating mass is seen within the medial aspect of the right orbita. The mass presents polyostotic aggressive bone lysis of the right frontal bone, cribriform plate, skull base, nasal bone, and bony orbita which allows for extension of the mass into the right frontal sinus, cranial vault, and nasal cavity. The mass measures approximately 4 cm in length, 3 cm in height, and 2.5 cm width. Lateral deviation of the right eye is noted. Severe heterogeneous contrast enhancement of the mass is seen on the post-contrast study. At this time, the intracranial invasion is mainly represented by lysis. There is only a mild extraaxial mass effect onto the right frontal lobe of the brain.

INTERPRETED BY

Nele Eley, DVM
 Dr. med. Vet. DipECVDI

The regional lymph nodes present within normal limits.

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Right orbital soft tissue mass with aggressive biological behavior and extension into the right frontal sinus, cranial vault, skull base, and right nasal cavity.
- No evidence of metastatic disease to the regional lymph nodes.

HOSPITAL NAME

Animal Health Partners

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

REFERRING VET

Dr. Greg Kilburn

The CT study reveals a malignant soft tissue neoplasia within the medial aspect of the right orbita which invades the cranial vault, skull base, right frontal sinus, and right nasal cavity. Differential diagnosis includes carcinoma such as adenocarcinoma of the zygomatic gland or nasal cavity. Other carcinoma, lymphosarcoma, and soft tissue sarcoma are potentials as well. Tumor growth is extensive. The mass is nonresectable. Final diagnosis by means of sampling could be established and help further define possible palliative treatment measures depending on the type of tumor if this is in the interest of the owner. The long term prognosis, however, is poor unfortunately.

INVOICE

51811

DATE

4-27-22



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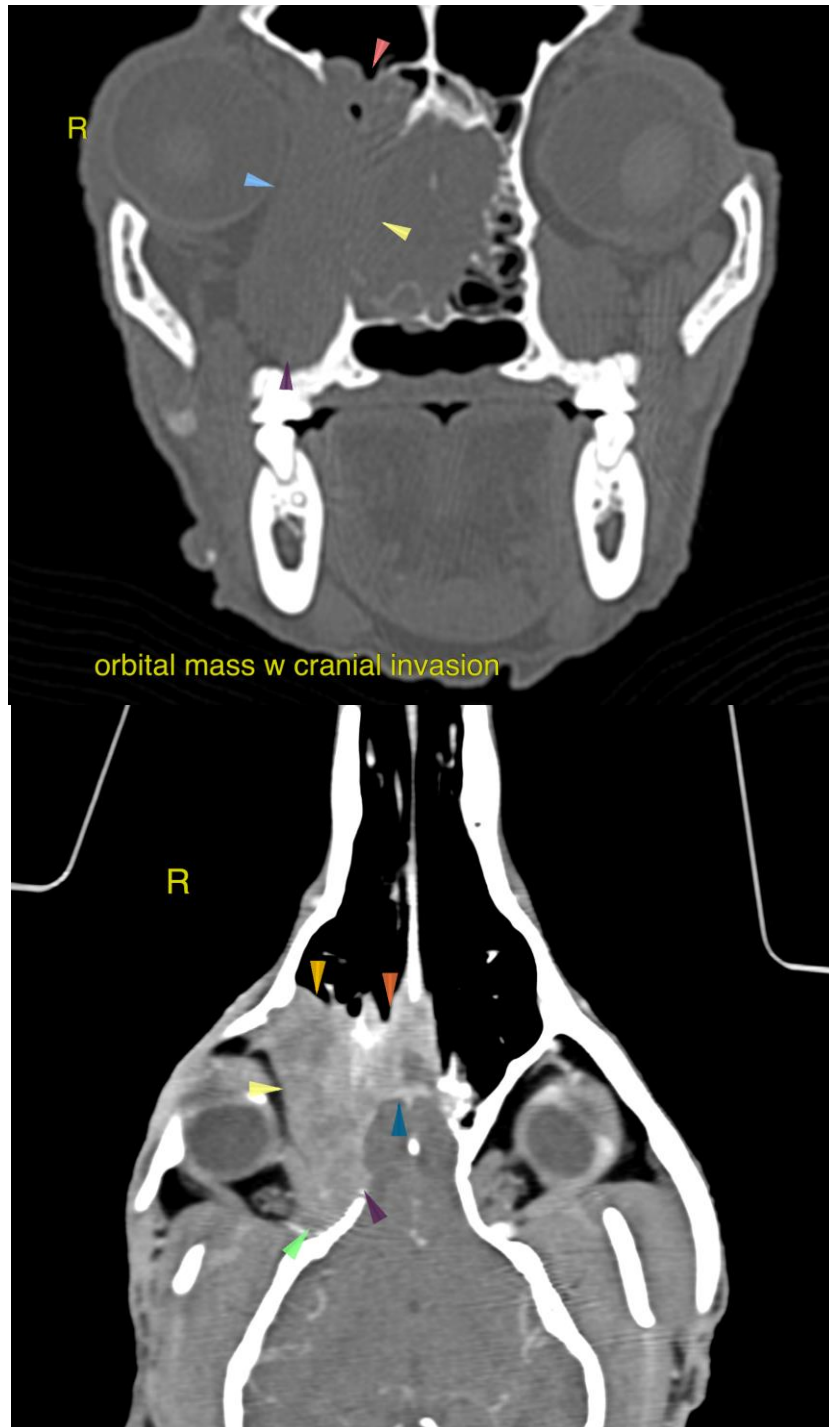
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

SPECIES

Canine

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