



PATIENT PRESENTING CLINICAL SIGNS

Lacey Tarran Patient seen on 11/8/22 for acute onset of moderate/severe swelling in the left eye. Mild/moderate discomfort during exam. Multiple lumps and bumps throughout. Severe dental disease present. FNA of site yielded slight amount of thick pustular material from swollen area
SPECIES Focal ultrasound revealed prominent soft tissue structures around the globe Recheck 11/15/22 showed no improvement despite treatment R/O: Retrobulbar abscess vs. neoplasia
 Canine Abnormal PE/Chem/CBC/UA Results: Unremarkable labwork

COMPUTED TOMOGRAPHY OF THE SKULL

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

Hound Mix **COMPUTED TOMOGRAPHIC FINDINGS**

Triadan 205 is absent. Generalized irregular marginated, but well defined, solid, osseous proliferations are seen in all jaw quadrants.

SEX In the left retrobulbar space, a uniform soft tissue attenuating and strong contrast enhancing amorphous mass is visible, partially encompassing the left ocular bulb from the caudal and lateral aspect – causing semicircular protrusion of the conjunctiva and rostral displacement of the left ocular bulb.

AGE The nasal cavity presents the expected aerated spaces between thin & even conchae and turbinates with smooth mucosal lining.

14 Years **INTERPRETED BY** Both temporomandibular joints present congruent joint spaces with even subchondral bone surfaces and are considered within normal limits.

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

HOSPITAL NAME The brain presents no deviation from normal anatomy and symmetry. The brain parenchyma is homogeneous and within normal limits for attenuation and distribution of contrast enhancement. The ventricular system is non-dilated and symmetric.

Advanced Animal Imaging The mandibular lymph nodes are prominent, the normal short-to-long-axis ration is maintained <0.5.

REFERRING VET In the subcutaneous tissue along the neck, multiple, variable sized lipomas are appreciated.

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Blair Hollowell, DVM
- Left retrobulbar soft tissue mass with secondary left sided exophthalmos
 - Generalized chronic periodontal disease with predominant osteoproliferative remodeling of the alveolar bone in all jaw quadrants
 - Lymphadenopathy mandibular lymph nodes
 - Multiple lipomas along the neck
 - Absent triadan 205

INVOICE

55250

DATE

11-18-22

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The left retrobulba mass appears to be confined within the vagina bulbi that is markedly distended by the mass, the presumptive diagnosis is retrobulba primary neoplasm – such as melanoma, sarcoma, round cell tumor, (carcinoma). A retrobulba inflammatory pseudotumor



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might be a consideration, but the odds are considered low. FNA sampling of the periorbital swelling can be performed for further definition.

SPECIES

Canine

The prominent mandibular lymph nodes are equivocal for reactive hyperplasia due to chronic periodontal disease or metastatic disease, recommend FNA sampling for further differentiation.

BREED

Hound Mix

SEX

FS

AGE

14 Years

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

HOSPITAL NAME

Advanced Animal
Imaging

REFERRING VET

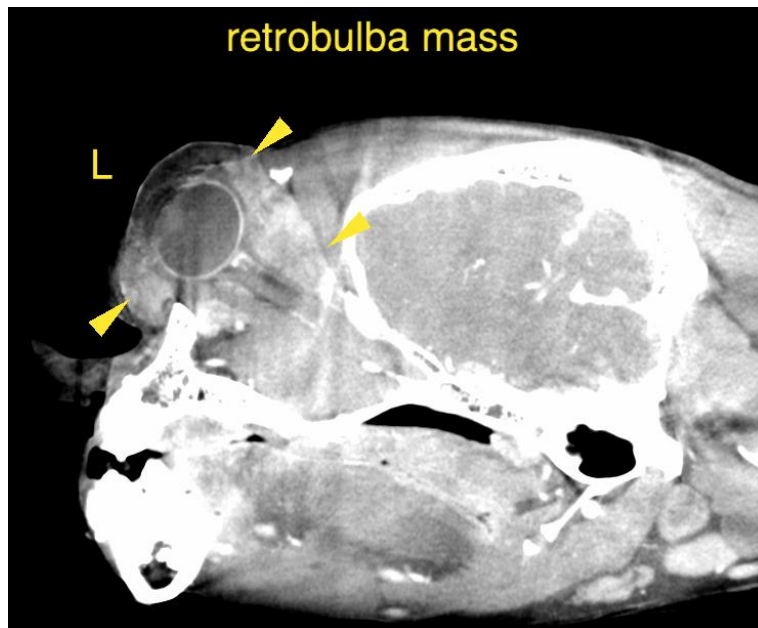
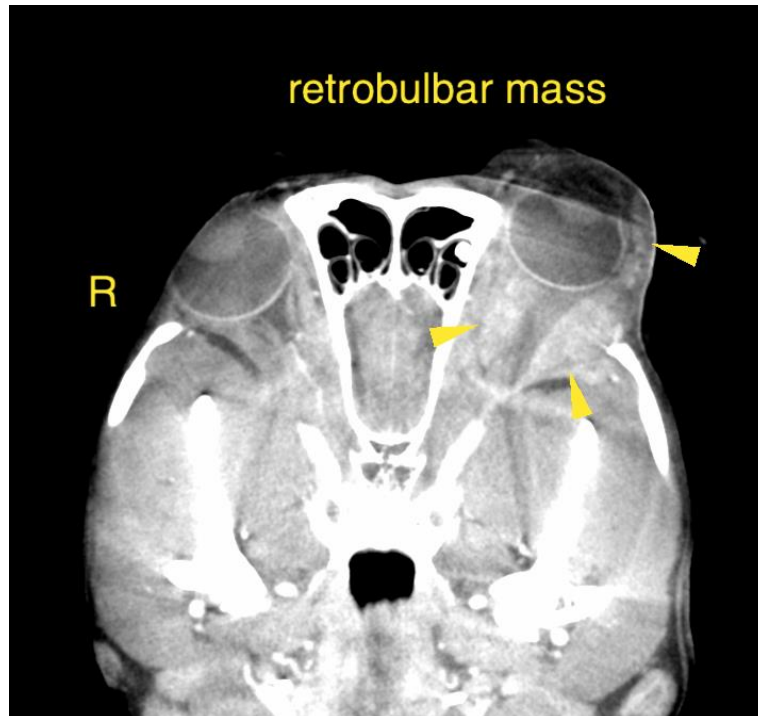
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

Sebastian Schaub, Sebastian Schaub, DVM, Dr. med. vet. DipECVDI
sebast.schaub@gmail.com

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