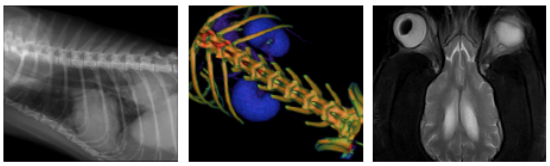

SonoPath.com
1-800-838-4268 info@sonopath.com

PATIENT

Roxy Fritz

SPECIES

Canine

BREED

Golden Retriever

SEX

Spayed Female

AGE

6 Years

INTERPRETED BY

Nele Eley (Ondreka), DVM Dr. med. vet., DipECVDI

HOSPITAL NAME

Wilson Vet Hospital

REFERRING VET

Woodhaven AH

INVOICE

41393

DATE

9/13/22

PRESENTING CLINICAL SIGNS

In the spring of this year, owner noted a change in the bark- sounded hoarser. She presented to her regular vet for evaluation. A dental and oral/ laryngeal exam was recommended. Pre-op BW was WNL. In June a dental was done, and a laryngeal mass was noted. No biopsy was done at that time. A referral for CT and biopsy was recommended. In August, pet developed vestibular signs. The signs improved with treatment, but a residual head tilt to the R persists. During intubation for the CT, a mass-like lesion was noted in the laryngeal area. Biopsies were taken after the CT was completed.

COMPUTED TOMOGRAPHIC STUDY OF THE HEAD

Plain and post-contrast studies available for review.

COMPUTED TOMOGRAPHIC FINDINGS

A soft tissue attenuating, ovoid, ill-defined mass of approximately 15 mm x 14 mm x 12 mm is seen within the dorsal aspect of the larynx, level with the arytenoid cartilages. The mass appears to be attached to the dorsal and left laryngeal soft tissues. Partial obstruction of the laryngeal lumen and mass effect onto the right and left arytenoid cartilages is seen.

The brain presents no deviation from normal anatomy and symmetry. The grey and white matter distinction and the neuroparenchymal attenuation are as expected. The distribution of contrast enhancement is within normal limits throughout the parenchyma and meninges. The ventricular system is non-dilated and within the limits of the expected volume and symmetry.

Thin and smoothly folded conchae and turbinates with even smooth mucosal lining. The osseous lining of the nasal cavities is intact.

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 auditory meatuses present within normal limits.

The submandibular and 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 salivary glands present within normal limits.

The visible dentition within normal limits.

Both tonsils present within normal limits.

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Soft tissue mass of the larynx, causing partial luminal obstruction and mass effect onto the arytenoid cartilages. No evidence of regional lymph node metastases.

INTERPRETATION OF FINDINGS & FURTHER RECOMMENDATIONS

The CT study confirms the presence of a laryngeal soft tissue mass. Differential diagnoses include

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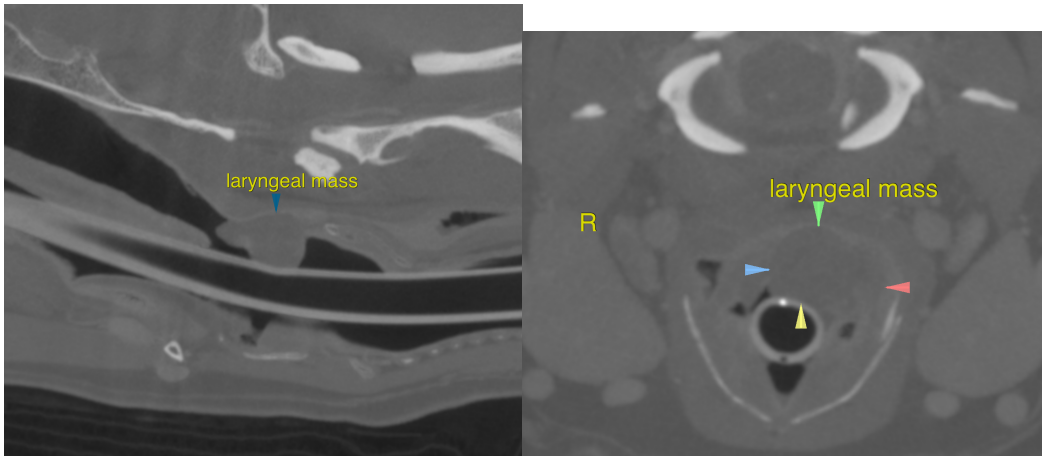
lymphosarcoma, soft tissue sarcoma, and squamous cell carcinoma primarily. Inflammatory or polypoid mass cannot be ruled out entirely but is far less likely. The CT findings suggest aggressive biological behavior and infiltrative growth. The CT findings need to be correlated with the results of the histology, which is pending for this patient.



The information and recommendations provided are based on the images presented by the referring veterinarian. 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 (Ondreka), DVM, Dr. med. vet., DipECVDI
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