

**PATIENT**

Barley Victorino

PRESENTING CLINICAL SIGNS

Sudden onset seizures

SPECIES

Canine

COMPUTED TOMOGRAPHIC STUDY OF THE HEAD

Plain and post contrast studies available for review.

BREED

Mixed

COMPUTED TOMOGRAPHIC FINDINGS

An ovoid 18mm x 15mm sized intraaxial mass is seen within the right frontal lobe of the brain. There is moderate leftward shift of the cerebral falx. Nonuniform contrast enhancement of ring enhancement type accentuating the periphery of the mass is identified on the post-contrast study. There is no evidence of additional masses. No ventricular dilation is noted.

SEX

FS

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

AGE

11 Years

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.

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

The salivary glands present within normal limits.

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Intraaxial right frontal lobe mass meeting neoplastic criteria.

HOSPITAL NAME

Southern Oregon
Veterinary Specialty
Center

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The CT findings are compatible with intraaxial neoplasia within the right frontal lobe. The findings are highly suggestive for a glial cell tumor such as astrocytoma or oligodendroglioma. Lymphosarcoma and other neoplasia cannot be ruled out entirely as a differential diagnosis even though considered by far less likely. The mass is nonresectable and correlates well with the clinical signs of the patient. Palliative treatment using anticonvulsive medication, corticosteroids, and irradiative treatment of the tumor could be discussed.

REFERRING VET

Ravi Seshadri

INVOICE

49018

DATE

12-13-21



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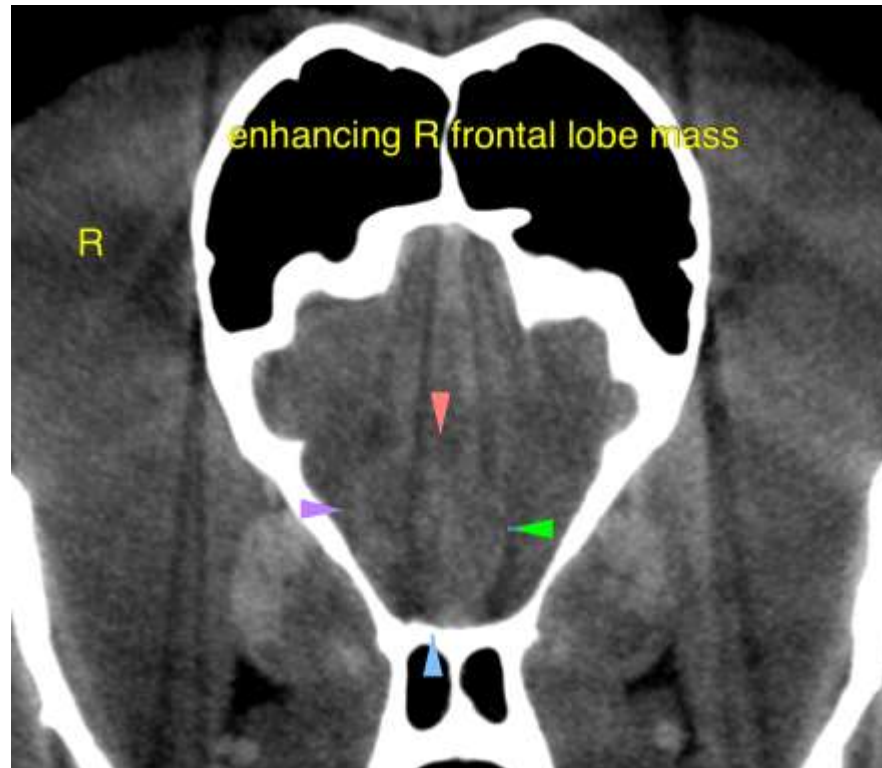
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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, DVM, Dr. med. vet., DipECVDI
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