



PATIENT

Josie Kohl

PRESENTING CLINICAL SIGNS

Presented due to episodic disorientation, intermittent ataxia and stumbling, recent onset pacing and circling to the right, occasionally drops food when eating. Hypothyroid, currently on Thyroxine.

SPECIES

Canine

Abnormal PE/Chem/CBC/UA Results: Ambulatory with circling to the right, occasional stumbling, anisocoria (R>L), temporal muscle atrophy, mild on the left, pronounced on the right. No nystagmus or head tilt. Marked dental/ periodontal disease, slightly stenotic ear canals, ruptured tympanic membranes, bilaterally. Recent CBC, chemistry, T4 - WNL

BREED

Boxer

COMPUTED TOMOGRAPHIC STUDY OF THE HEAD

Plain and post contrast studies available for review.

SEX

FS

COMPUTED TOMOGRAPHIC FINDINGS

An irregular shaped extraaxial mass with heterogeneous contrast enhancement is seen in the middle fossa of the skull measuring approximately 3.0 cm in length, 1.0 cm in height, and 2.0 cm in width and extending from the sella turcica rostrally up to the level of the tympano-occipital fissure caudally. Most of the mass is the to the right of the midline; however, a smaller part of the mass crosses the midline to the left side. There is a significant mass effect onto the hypothalamus, brainstem, emergence of the cranial nerves, and pons. Aggressive osteolytic changes or widening of the skull foramina is not seen.

AGE

11 Years, 8 Months

Both tympanic bullae are filled with fluid attenuating contrast negative material. The medial part of both external auditory meatuses is narrow.

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

Moderate atrophy of the right masticatory muscle is noted.

The tonsils are enlarged and everted.

HOSPITAL NAME

Healing Spirit Animal
Wellness

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Extraaxial intracranial mass with mass effect onto the brainstem, cranial nerves, and hypothalamus.
- Right sided masticatory muscle atrophy.
- Bilateral otitis media.

REFERRING VET

Sarah Green

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The CT study reveals an extraaxial intracranial mass level with the emergence of the right cranial nerves and brainstem. Differential diagnosis includes peripheral nerve sheath tumor, round cell neoplasia, and meningioma.

INVOICE

52682

The masticatory muscle atrophy is likely secondary to the mass effect onto the intracranial part of the right trigeminal nerve. Left sided trigeminal nerve and other left sided cranial nerve involvement is a potential as well.

DATE

7-3-22



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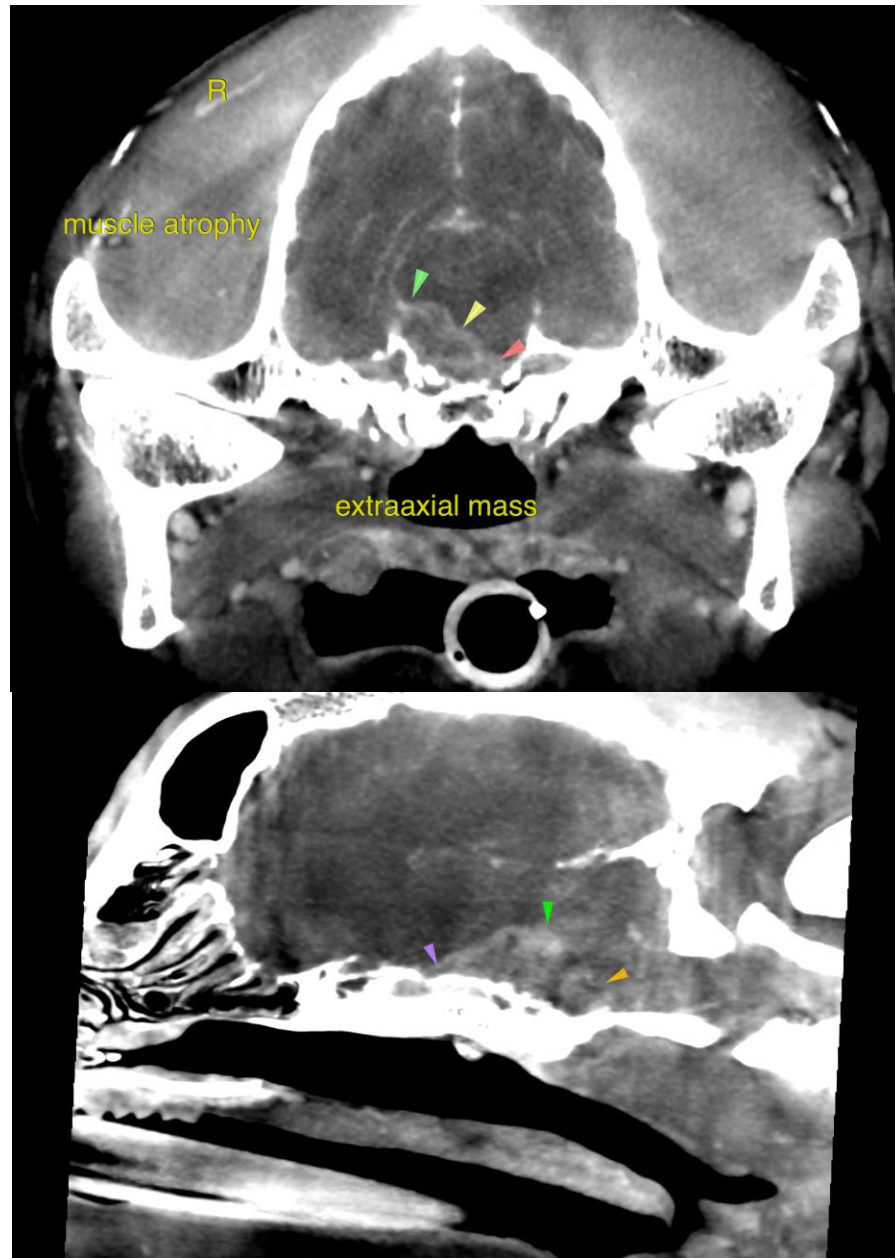
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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Senior lecturer University of Giessen, Germany, Veterinary Faculty, Department of Radiology
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