



PATIENT PRESENTING CLINICAL SIGNS

PATIENT Max Heaney
SPECIES Canine
BREED Golden Retriever
SEX Neutered Male
AGE 7

History: acute onset of cluster seizures. Otherwise, normal. Neurological Examination: Mentation: Dull/sedate Cranial nerve exam: Absent menace response OU Gait/posture: Non-ambulatory tetraparetic Postural reactions: Proprioceptive positioning and hopping were absent in all four limbs . Spinal reflexes: Normal. Sensory/nociception: No hyperesthesia elicited with palpation along the vertebral column. Sensation is intact. Localization: Thalamocortex CSF - normal cell count. low number of lymphocytes

MAGNETIC RESONANCE IMAGING OF THE SKULL

T2 weighted, FLAIR, SWI, diffusion weighted, T1 pre- and post-gadolinium sequence in multiple imaging planes are provided for review.

MAGNETIC RESONANCE IMAGING FINDINGS

In the left rostral cranial fossa, an ovoid shaped, in T2, FLAIR and T1 weighted images mild hypointense, well-defined mass is seen, measuring 16 x 13 x 13 mm in size. Post contrast administration, the mass presents a mild ring like contrast enhancement pattern and mild central contrast enhancement. A midline shift of the falx cerebri level with the ovoid shaped mass is seen. The left olfactory bulb and the frontal lobe are distorted by the mass effect and deviated caudally – in T2 and FLAIR the adjacent brain parenchyma is diffuse hyperintense and T1 hypointense.

Level with the left piriform lobe and the right frontal lobe, focal nodular contrast enhancing thickening of the meningeal lining is seen.

The right pterygoid muscle is T2 and FLAIR diffuse hyperintense and moderate contrast enhancing. In the subcutaneous tissue dorsal to the right orbit and caudal aspect of the right temporal muscle, an ovoid shaped subcutaneous nodule is partially included in the field of view.

The mandibular & parotid lymph nodes are prominent.

MAGNETIC RESONANCE IMAGING DIAGNOSIS

- Intracranial extraaxial mass rostral cranial fossa with peripherally accentuated contrast enhancement
- Multifocal nodular leptomeningeal thickening
- Subcutaneous masses dorsal to right orbit and right temporal muscle
- Lymphadenopathy mandibular & parotid lymph nodes
- Diffuse contrast enhancement right pterygoid muscles

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

INVOICE

21293

DATE

2/24/23

INTERPRETED BY

Sebastian Schaub,
 DVM Dr. med. vet.
 DipECVDI

HOSPITAL NAME

Toronto Animal
 Health Partners

REFERRING VET

Dr. Alison Little



PATIENT

Max Heaney

The multiple lesions are highly concerning for disseminated neoplastic disease and round cell tumor (e.g. histiocytic sarcoma, lymphosarcoma) is considered likely. The intracranial findings are a plausible explanation for the presenting clinical signs.

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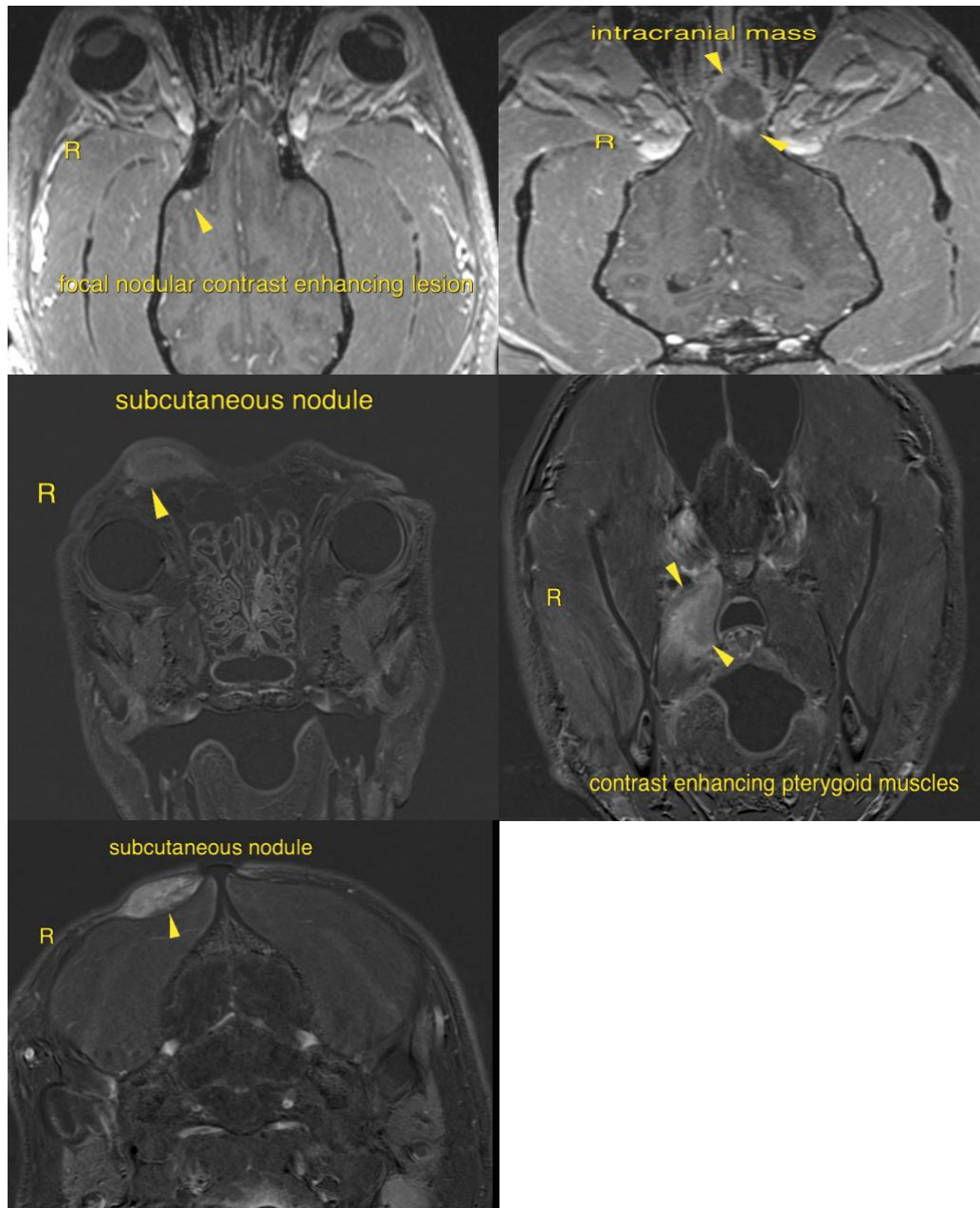
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PATIENT The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

Max Heaney

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.

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