

PATIENT PRESENTING CLINICAL SIGNS

Luna Lopez Presented for second opinion. Owner reports pet is losing muscle mass on the Right side of face and Right hindlimb. Has an ulcer on Right eye secondary to pet pawing at face.
 Abnormal PE/Chem/CBC/UA Results: Hx of Right nasal discharge; only noted small crusts on Right nare, cleaned post CT. Right frontal muscle atrophy as well as Right hindlimb.

SPECIES

Canine **COMPUTED TOMOGRAPHIC STUDY OF THE HEAD & ABDOMEN**

Plain and post contrast studies available for review.

BREED

COMPUTED TOMOGRAPHIC FINDINGS

Border Collie/Husky Mix

Head

A 10 x 5 mm sized ovoid contrast enhancing mass is seen in the position of the right trigeminal nerve. A mild mass effect onto the adjacent brainstem is seen. There appears to be a second smaller ovoid mass in the position of the right facial and vestibulocochlear nerve origin.

SEX

Female Spayed A mild amount of hypoattenuating material is seen in the dorsal aspect of the right tympanic bulla.

AGE

12 Years Moderate right sided masticatory muscle atrophy is seen.
 The lymph nodes of the head present within normal limits.

Abdomen

INTERPRETED BY

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

There appears to be mild thickening of the right L7 nerve root level with the vertebral canal and the entrance zone of the right lumbosacral neuroforamen.

Mild muscle atrophy of the right hind limb is noted.

Mild to moderate mesenteric lymphadenomegaly is noted accentuating the portal lymph nodes with the left portal lymph node measuring 16mm in diameter.

HOSPITAL NAME

Mobile Pet Imaging

Multiple faintly hyperenhancing splenic nodules are seen.

COMPUTED TOMOGRAPHIC DIAGNOSIS

REFERRING VET

Meaux

- Suspect multiple intracranial extraaxial masses in the position of the right trigeminal, facial, and vestibulocochlear nerves.
- Hypoattenuating "material" within the right tympanic bulla.
- Neurogenic atrophy of the right masticatory muscles.
- Suspect neuropathy of the right L7 nerve root.
- Multiple mesenteric lymphadenomegaly accentuating the left portal lymph node.
- Splenic nodules.

INVOICE

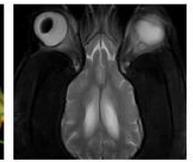
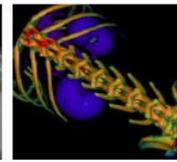
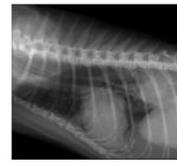
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INTERPRETATION OF FINDINGS & FURTHER RECOMMENDATIONS

DATE

8-25-22

The CT study reveals a mass in the position of the right trigeminal nerve. Differential diagnosis



PATIENT Luna Lopez includes peripheral nerve sheath tumor, round cell neoplasia, and meningioma. Owing to the suspicion of multiple masses and right tympanic bulla involvement, round cell neoplasia appears to be the most likely of the three or four mentioned differential diagnoses. However, final diagnosis would require histology.

SPECIES Canine The masticatory muscle atrophy is due to the central neuropathy of the right trigeminal nerve and considered neurogenic in origin.

The atrophy of the right hind limb musculature may be due to neuropathy of the right L7 nerve.

BREED Border Collie/Husky Mix Differential diagnosis for the mesenteric lymphadenomegaly includes reactive hyperplasia, lymphadenitis, and infiltrative disease such as lymphomatous. Further definition by means of ultrasound guided sampling is recommended.

SEX Female Spayed

AGE 12 Years

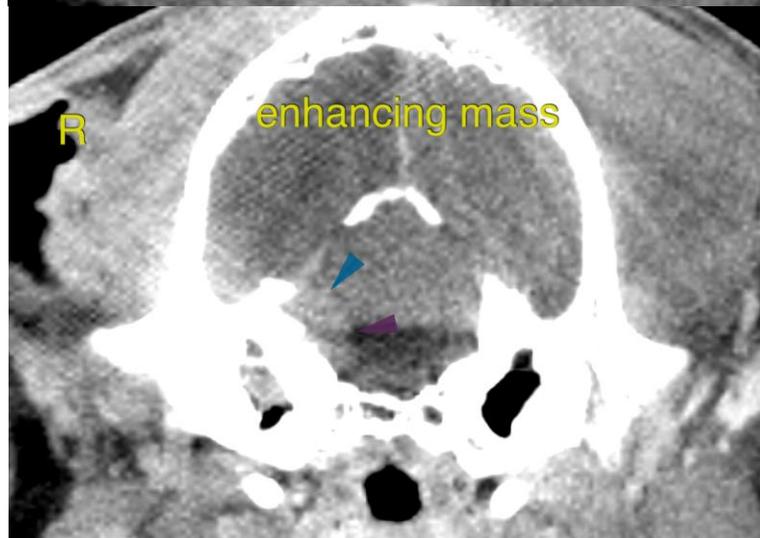
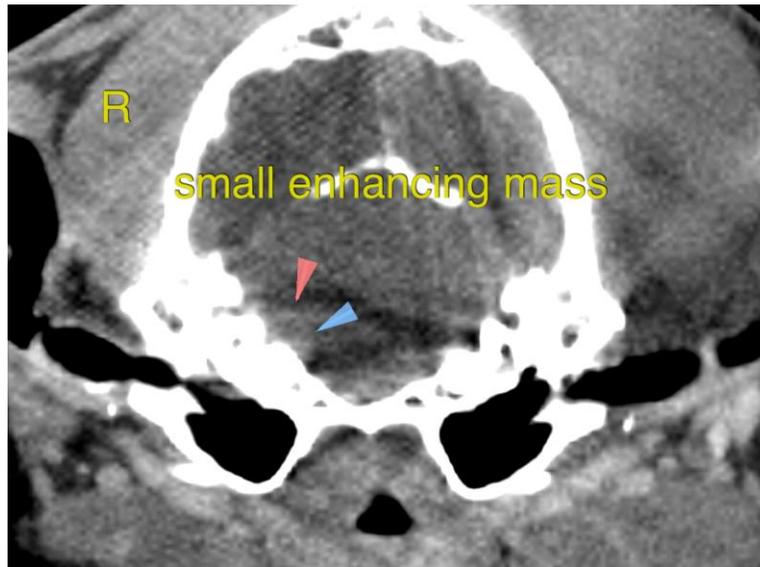
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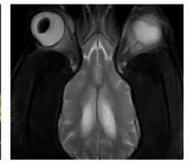
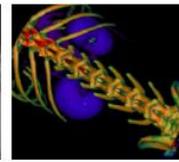
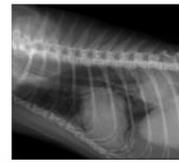
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REFERRING VET Meaux

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PATIENT

Luna Lopez

SPECIES

Canine

BREED

Border Collie/Husky
Mix

SEX

Female Spayed

AGE

12 Years

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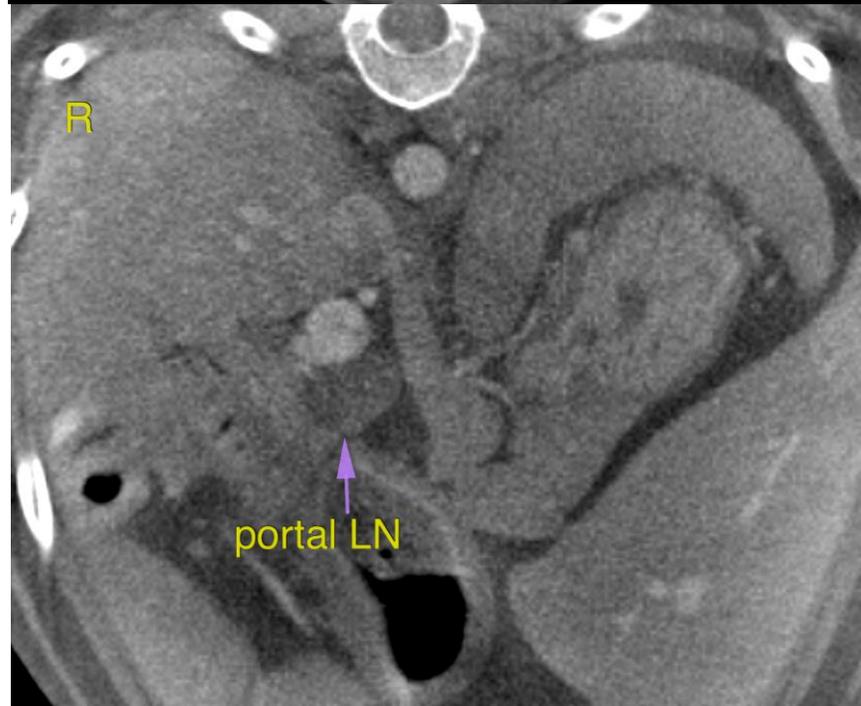
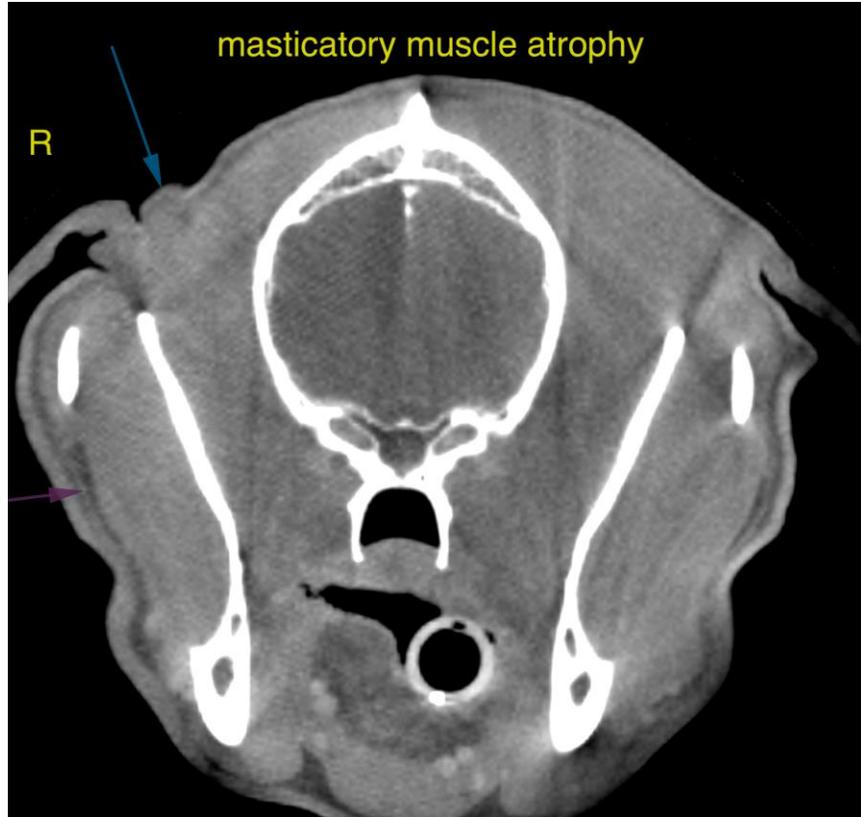
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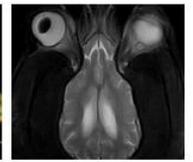
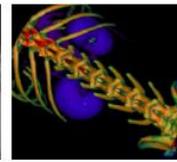
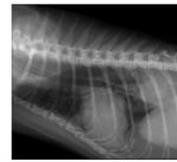
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PATIENT

Luna Lopez

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.

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.

BREED

Border Collie/Husky
Mix

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SEX

Female Spayed

AGE

12 Years

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