



PATIENT PRESENTING CLINICAL SIGNS

- Layla Johnnidis
- Unable to rise, weak on the left side all four limbs
 - CP deficits all four limbs
 - Increased segmental reflexes
- SPECIES**
- history of mass removed at C2 region

Canine **COMPUTED TOMOGRAPHIC STUDY OF THE CERVICAL SPINE**

Plain study is available for review.

BREED
Beagle **COMPUTED TOMOGRAPHIC FINDINGS**

Extensive aggressive osteolysis of the vertebral arch of C2 is seen. An associated soft tissue attenuating mass with ill-defined margins extends ventrally into the dorsal aspect of the vertebral canal. The mass causes moderate to severe ventral deviation and compression of the spinal cord at the level of C2.

SEX

FS

C1 and C3 present no evidence of aggressive osteolytic changes.

AGE

9

Occasional mineralization of intervertebral discs is seen with no acute disc herniation being identified.

The regional retropharyngeal and cervical lymph nodes present within normal limits.

INTERPRETED BY **COMPUTED TOMOGRAPHIC DIAGNOSIS**

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

- Aggressive neoplastic lesion of C2 vertebra with extradural spinal cord compression, likely recurrence of prior mass

HOSPITAL NAME **INTERPRETATION OF FINDINGS & FURTHER RECOMMENDATIONS**

ASC Oceanside

The CT study reveals aggressive neoplasia with extradural spinal cord compression emerging from the second cervical vertebra. Differential considerations include vertebral osteosarcoma or other primary bone tumor; metastatic disease is a possible differential diagnosis. The findings are not compatible with benign disease. The significant spinal cord compression appears to correlate with the patient's quadriparesis and neurologic deficits.

REFERRING VET

Infernuso

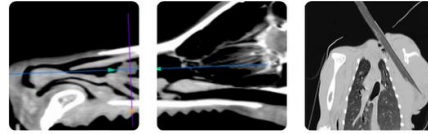
Prior surgical history suggests this may represent a recurrence. Complete resection of the mass is not an option. The prognosis is unfortunately very guarded to poor.

INVOICE

23862

DATE

02/11/2026



PATIENT

Layla Johnnidis

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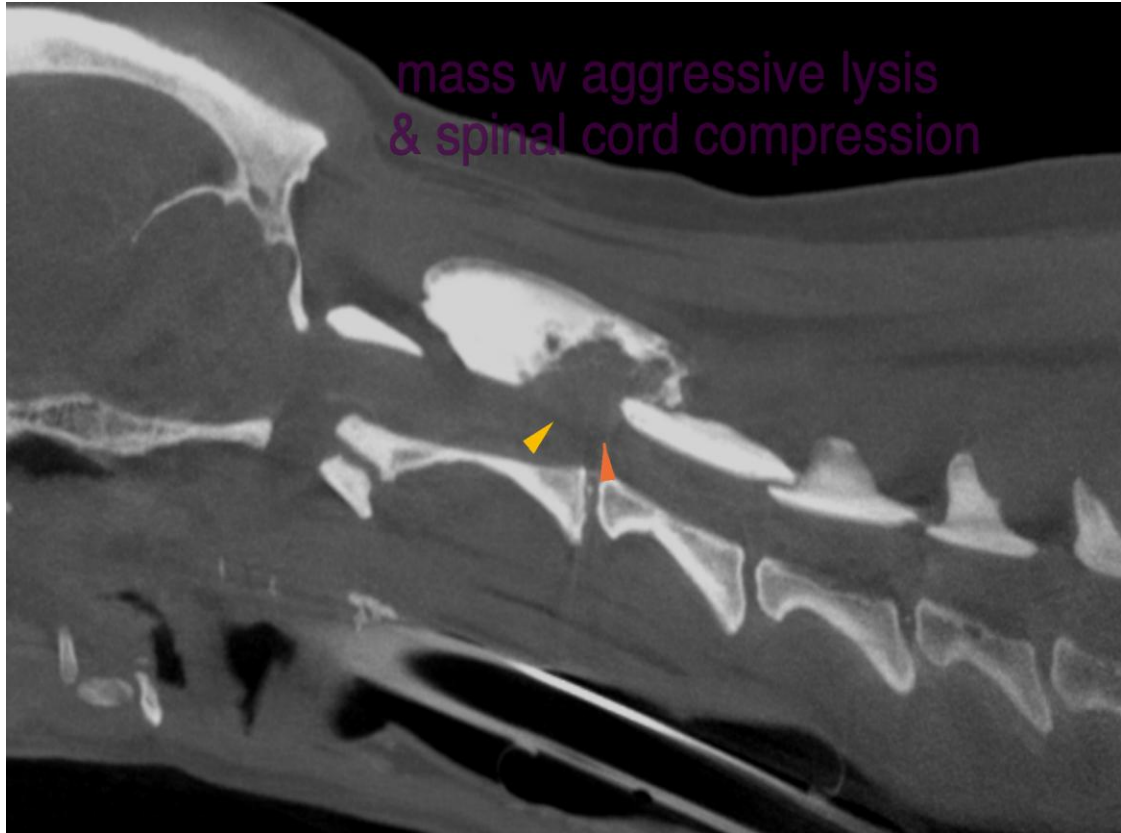
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

HOSPITAL NAME

ASC Oceanside

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.

REFERRING VET

Infernuso

Nele Eley (Ondreka), DVM, Dr. med. vet., DipECVDI
European Specialist in Veterinary Diagnostic Imaging, Cert. Radiology,
Senior lecturer University of Giessen/Germany, Veterinary Faculty, Department of Radiology.
info@sonopath.com

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