



PATIENT

Layla VanWinkle

PRESENTING CLINICAL SIGNS

Had mass removed from ventro-lateral neck in March that was diagnosed as a Malignant neoplasia of the salivary gland. A few weeks later she started having pain in the neck area and some neurological deficits in all 4 legs.

SPECIES

Canine

COMPUTED TOMOGRAPHIC STUDY OF THE SPINE

Plain study of the cervical, thoracic, and lumbar spine available for review.

BREED

Mixed Breed

COMPUTED TOMOGRAPHIC FINDINGS

Patient has a history of salivary gland carcinoma.

SEX

Female

Extensive aggressive permeative osteolysis of the vertebral body and vertebral arch as well as right transverse process of the 4th cervical vertebra are seen.

There is severe expansion and severe aggressive osteolysis of the vertebral arch of the 7th cervical vertebra.

AGE

13 Years

Multiple other vertebrae present small lucent spots.

There is mineralized and sequestered intervertebral disc material within the ventral epidural space level with the 1st and 4th lumbar vertebra as well as level with the intervertebral disc space L2/3. At L2/3, moderate compressive myelopathy appears to be present.

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Polyostotic aggressive osteolytic lesions of the spine involving multiple vertebrae with C4 and C7 being most severely affected.
- Presumably chronic intervertebral disc extrusion with moderate spinal compression L2/3.

HOSPITAL NAME

Bluegrass Veterinary
Specialists

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

In the context of the patient's history of a salivary gland adenocarcinoma, metastatic disease is thought by far most likely to be the underlying cause of the polyostotic aggressive osteolytic lesions of the spine. The changes of the 4th and 7th cervical vertebrae appear to correlate well with the patient's clinical signs. Other polyostotic neoplasia such as lymphoma, multiple myeloma, and polyostotic osteosarcoma cannot be ruled out entirely but are thought by far less likely than metastasizing carcinoma.

REFERRING VET

Gover

INVOICE

46960

DATE

8-12-21



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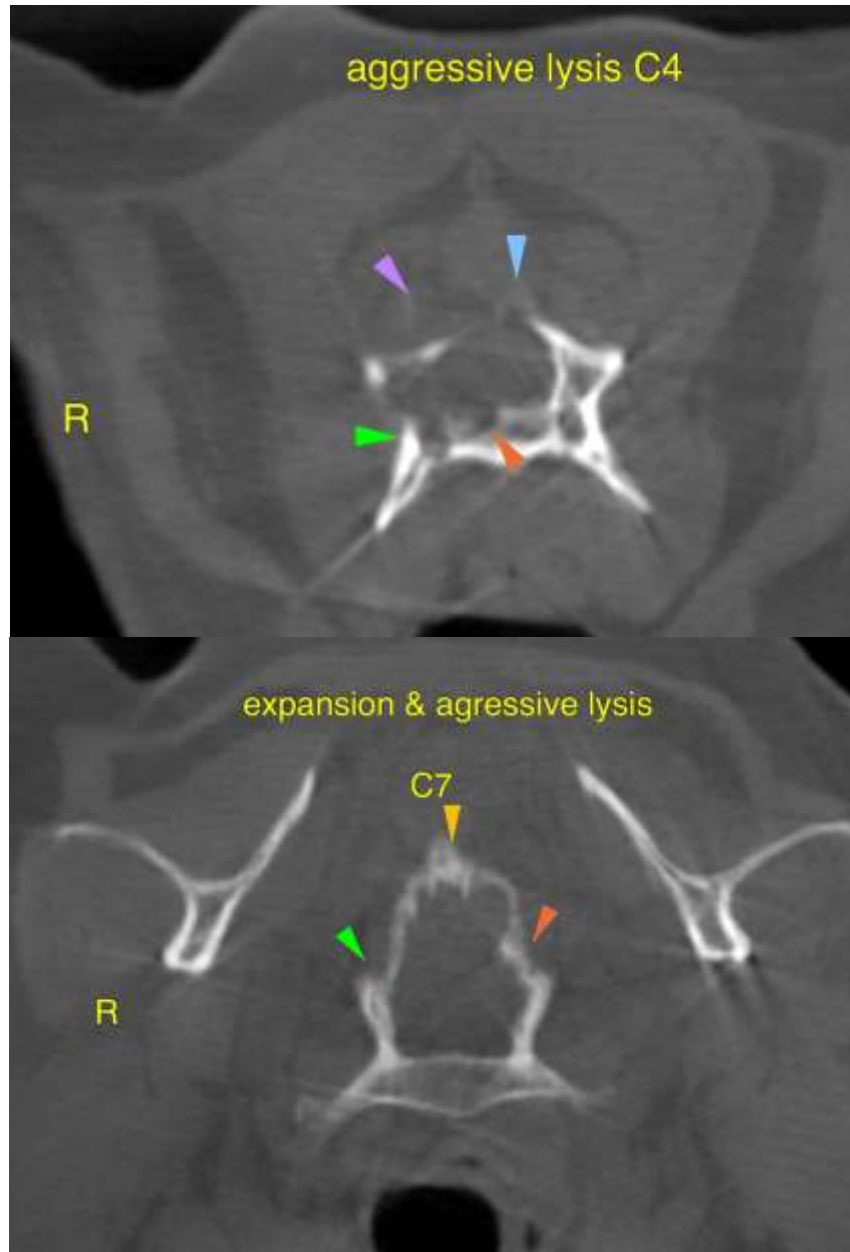
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

SPECIES

Canine

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