



PATIENT

Millo Maria Rivera

PRESENTING CLINICAL SIGNS

Millo 11 year old neutered pit bull. Presented with proprioception deficits in front right leg and difficulty holding up head. On exam he was painful when extending neck. Radiographs showed a possible decreased intervertebral disc space in c2-c3. Referral for a CT of neck and thoracic region.

SPECIES

Canine

Abnormal PE/Chem/CBC/UA Results: CHEM --- unremarkable

COMPUTED TOMOGRAPHY OF THE CERVICAL AND THORACIC SPINE

BREED

Pitbull

A high resolution pre- and post-contrast CT study of the cervical & thoracic spine is provided for review.

COMPUTED TOMOGRAPHIC FINDINGS

Both external ear canals present mild to moderate mineralization of the wall.

SEX

NM

The vertebral body of C6 presents a moderate sclerosis with zones of moth eaten osteolysis and destruction of the ventral cortex. Post contrast administration, a mild contrast enhancing swelling is appreciated at the right aspect of the vertebral body of C6 as well as a soft tissue component protruding into the vertebral canal at the same level, occupying approximately up to 65% of the cross-sectional area of the vertebral canal at the same level; the dural tube is deviated to the left and compressed.

AGE

11 Years

Multifocal mild to moderate spondylosis formation is seen along the thoracic spine.

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

Originating from the left thyroid gland, an ovoid shaped, heterogeneous contrast enhancing mass, measuring 2.3 x 2.0 x 3.2 cm is appreciated. The left common carotid artery is deviated dorsally by the mass effect

In the pictured dorsal aspects of the lung parenchyma, well-defined, soft tissue attenuating nodular lesions of variable size are visible.

HOSPITAL NAME

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Both shoulder joints present with mild osteophyte new bone formation.

In the pictured parts of the cranial abdomen, the renal pelvis bilaterally and proximal ureteral segments are significantly dilated.

COMPUTED TOMOGRAPHIC DIAGNOSIS

REFERRING VET

Dr. H. Lidin, DVM

- Monostotic semiaggressive mixed osteolytic and osteoproliferative lesion vertebral body C6 with accompanying soft tissue mass and compressive myelopathy
- Soft tissue mass originating from left thyroid gland
- Structured nodular interstitial lung pattern
- Bilateral marked pyelectasis and hydroureter

INVOICE

52343

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

DATE

6-7-22

The changes of the vertebral body of C6 are compatible for either primary osseous neoplasia – such as osteosarcoma, chondrosarcoma, round cell tumor – or metastatic disease. In combination with the thyroid mass or a possible mass of the lower urinary tract, osseous metastasis is a consideration as well.

The pulmonary nodules consistent with pulmonary metastatic disease.



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The pyelectasis and hydroureter bilaterally indicate outflow obstruction – check for lesions along the course of the ureters (e.g. intramural, extramural mass, (ureterolithiasis)) or urinary bladder (e.g. transitional cell carcinoma).

The prognosis is considered very guarded to infaust.

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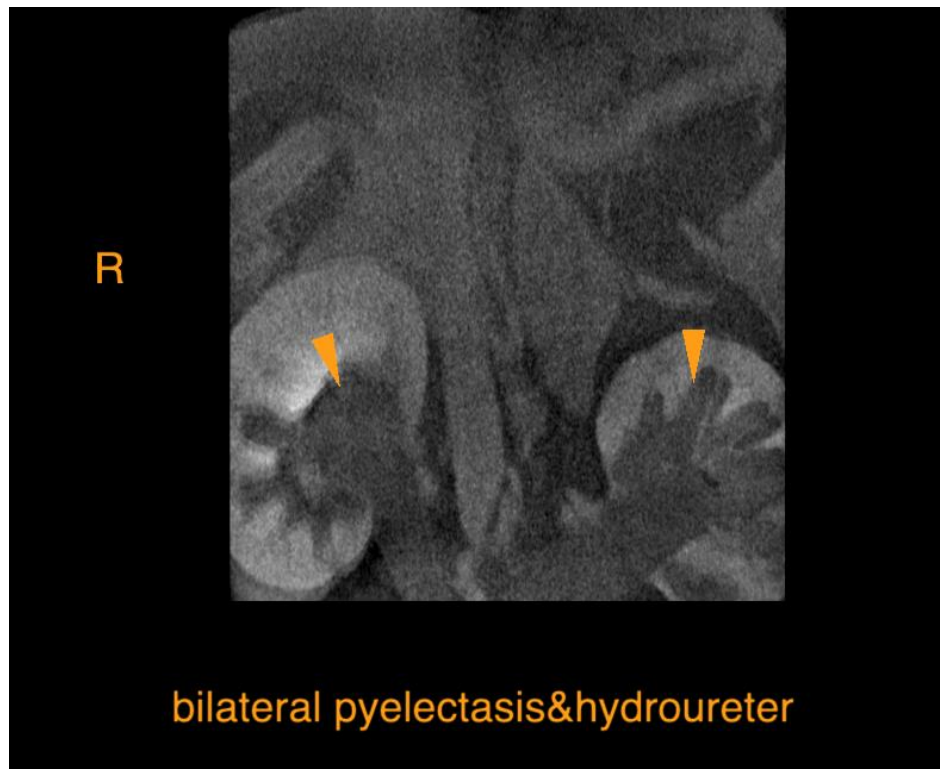
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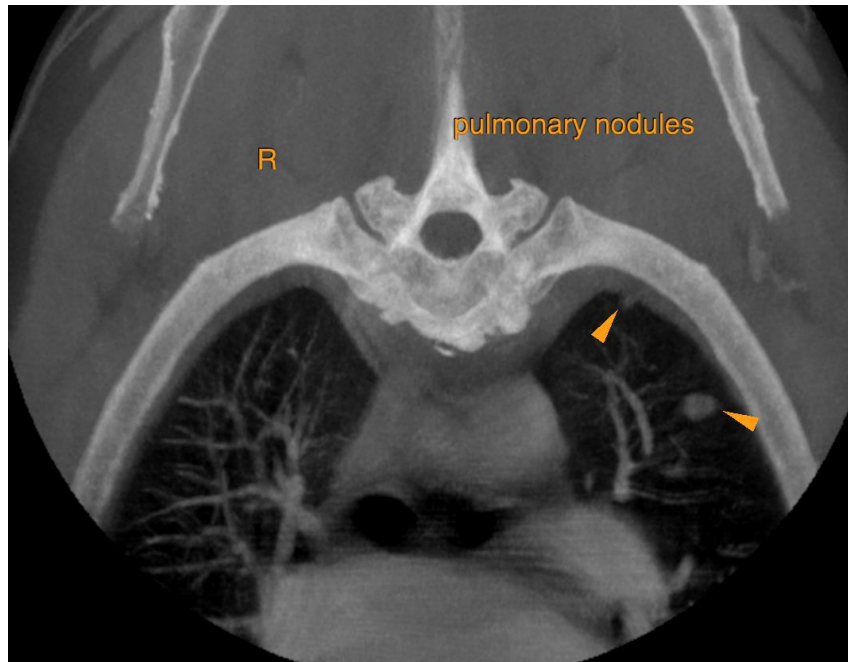
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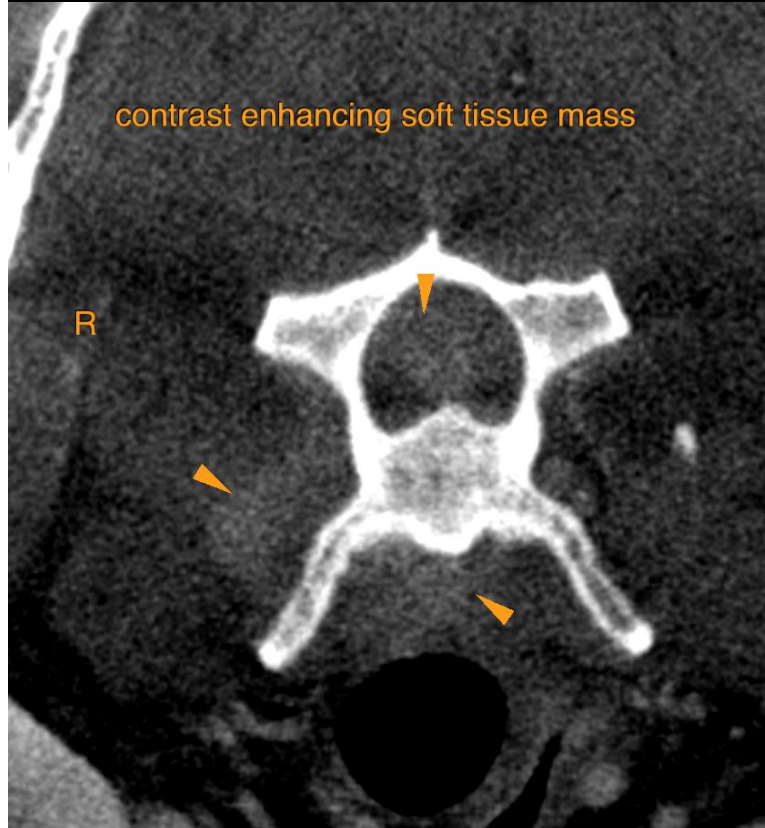
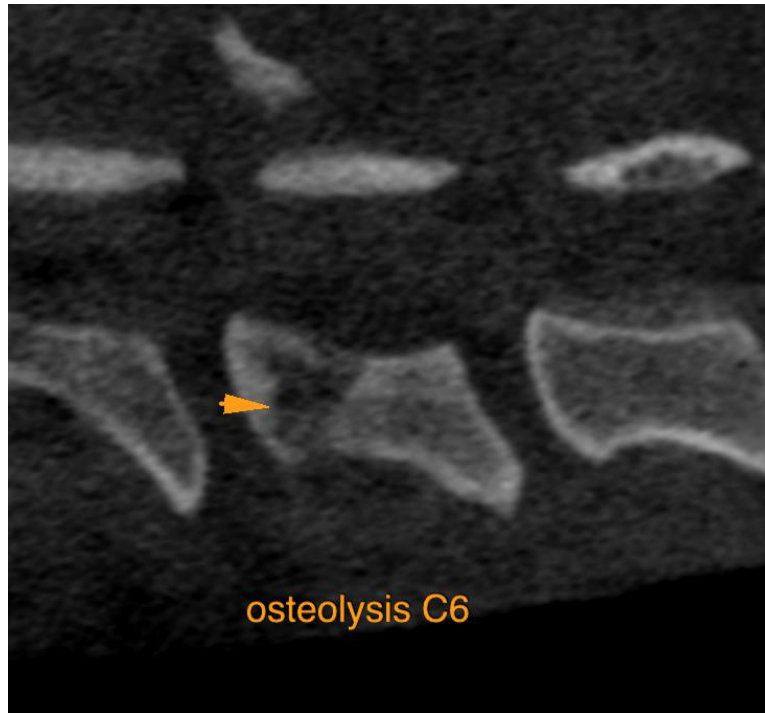
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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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