



## PATIENT

Kyoki Rigby

## SPECIES

Canine

## BREED

Pomeranian

## SEX

MN

## AGE

9

## WEIGHT

11.3lbs

## INTERPRETED BY

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

## IMAGING PERFORMED BY

Peregrine

## HOSPITAL NAME

nimal Medical Center  
of Corona

## REFERRING VET

Sean Yamada

## INVOICE

73314

## DATE

1-13-26

## PRESENTING CLINICAL SIGNS

Kyoki is presenting for cytological dx for osteosarcoma of the right distal tibia. Performed thoracic metastasis check and visualized 3 nodules.

Abnormal PE/Chem/CBC/UA Results: Platelet 476 (170-400), USG 1.023 (1.015-1.050)

## COMPUTED TOMOGRAPHIC STUDY OF THE THORAX

Plain study available for review only.

## COMPUTED TOMOGRAPHIC FINDINGS

Four discrete pulmonary nodules are identified within the interstitium of the right cranial and right caudal lung lobes. Nodules measure between 2-6mm in diameter. Distribution is multifocal but confined to the right lung at the time of imaging. No cavitation, mineralization, or associated bronchial obstruction is identified.

Mild multifocal interstitial banding and plate like atelectasis are present considered compatible with age related or dependent change.

No evidence of mediastinal or tracheobronchial lymphadenopathy is seen.

The heart and major vessels are within expected limits in this plain study.

No pleural effusion is noted.

No aggressive osteolytic lesions are seen in the thoracic boundaries.

Questionable mild enlargement of the cranial pole of the right adrenal gland is seen.

Small mineral foci are present within both kidneys.

## COMPUTED TOMOGRAPHIC DIAGNOSIS

- Multifocal small interstitial pulmonary nodules in the right lung lobes.
- Mild age related or positional changes of the pulmonary interstitium with no clinical relevance.
- Questionable mild enlargement of the right adrenal gland cranial pole.
- Bilateral nonobstructive renal microliths.

## INTERPRETATION OF FINDINGS & FURTHER RECOMMENDATIONS

The presence of multiple small pulmonary nodules is highly suspicious for metastatic disease in a patient with appendicular osteosarcoma. Osteosarcoma commonly metastasizes hematogenously to the lung. Alternative differentials such as primary or secondary pulmonary neoplasia, fungal, or granulomatous disease are considered highly unlikely unfortunately. The findings should be considered consistent with metastatic spread until proven otherwise in the context of suspected osteosarcoma. The results should be incorporated into discussions regarding prognosis, surgical candidacy, and adjuvant therapy. Short term recheck in 4-6 weeks could be considered should confirmation alter patient management. CT guided sampling is technically (too) challenging owing to the very small size of the nodules. Ultrasound guided sampling under anesthesia could be attempted for the nodules in a peripheral position specifically the one that is situated in the ventral aspect of the right caudal lung lobe close to the sternum.



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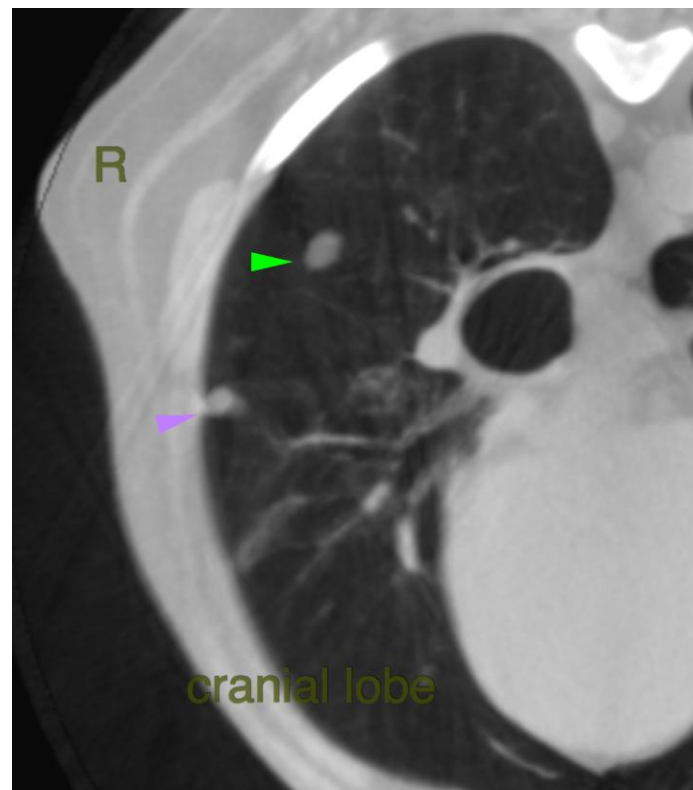
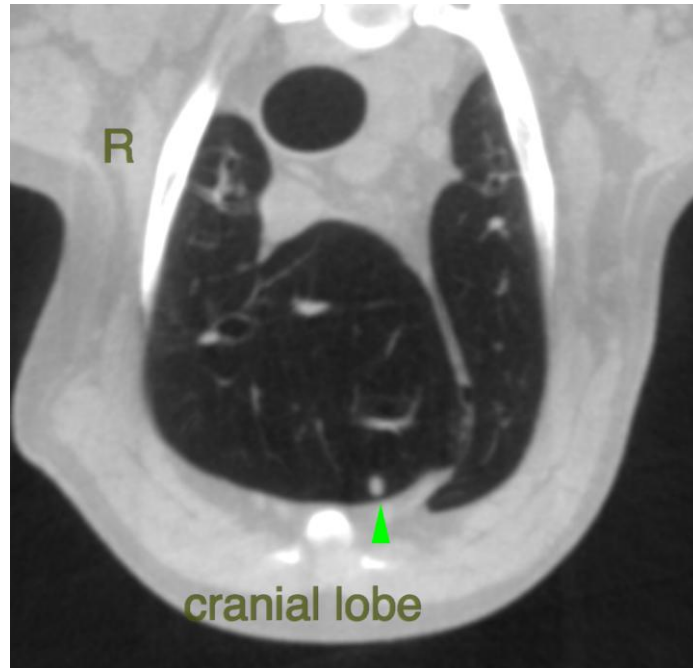
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

**Nele Eley (Ondreka)**, DVM, Dr. med. vet., DipECVDI  
European Specialist in Veterinary Diagnostic Imaging, Cert. Radiology,  
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