



PATIENT

Seelie Baccaro

PRESENTING CLINICAL SIGNS

Owner noticed swelling on lower left ribs 1 month ago, has not changed. Non-painful, firm, bony swelling at junction of rib #6-7 and sternum on left side. Rads taken to help evaluate DJD vs. neoplasia.

SPECIES

K9

RADIOGRAPHIC STUDY OF THE THORAX

Right/left lateral and ventrodorsal views totaling 4 images available for review in DICOM format.

BREED

Leonberger

RADIOGRAPHIC FINDINGS

Early spondylosis is present between T9 and T10. L2/3 and L3/4 present moderate spondylosis deformans.

SEX

Female

Heterogeneity of the last three sternbrae is noted with areas of sclerosis and osteopenia. The cortical outline of the sternbrae appears to be maintained and smooth. There are layers of new bone formation in the chondrosternal junctions of the 6th and 7th ribs with distal flaring of the ribs. No overt aggressive osteolytic changes are seen.

AGE

6 Years, 2 Months

Prominence of the mamils is seen.

The heart is of normal size and shape and there is no evidence of cardiac chamber or vascular enlargement. The pulmonary vasculature is within normal limits.

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

The cranial mediastinum presents the expected soft tissue opacity. The mediastinal width is less than twice the width of the vertebral column at the same level.

The trachea is normal in diameter and presents the anticipated course. The luminal outline of the trachea is smooth.

HOSPITAL NAME

Blairstown Animal
Hospital

The bronchial tree presents with thin walls and tapers uniformly towards the periphery as expected.

The lung parenchyma presents the expected architecture and opacity. The intrapulmonary vascular branching is seen up to the third order lung vessels.

REFERRING VET

Dr. Harker

The diaphragm is well delineated with even surface and the expected mild cranial bulging of the diaphragmatic cupola.

RADIOGRAPHIC DIAGNOSIS

INVOICE

49036

- Multiple osteoproliferative changes of the last 3 sternbrae and 6th and 7th left ribs with heterogeneous mineralization of the chondral rib portions.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

DATE

12-14-21

The radiographic findings suggest hypertrophic osteopathy of the last 3 sternbrae and their chondral junction. Irregular mineralization of the chondral rib portion contributes to the heterogeneous bone opacity. There is no evidence of aggressive osteolysis at this point; however, chronic osteitis and pressure induced osteopathy cannot be ruled out even though the vast



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majority of these changes are not of clinical significance. At this point, there are no radiographic malignancy criteria. Consider radiographic recheck in 4-8 weeks along with clinical monitoring.

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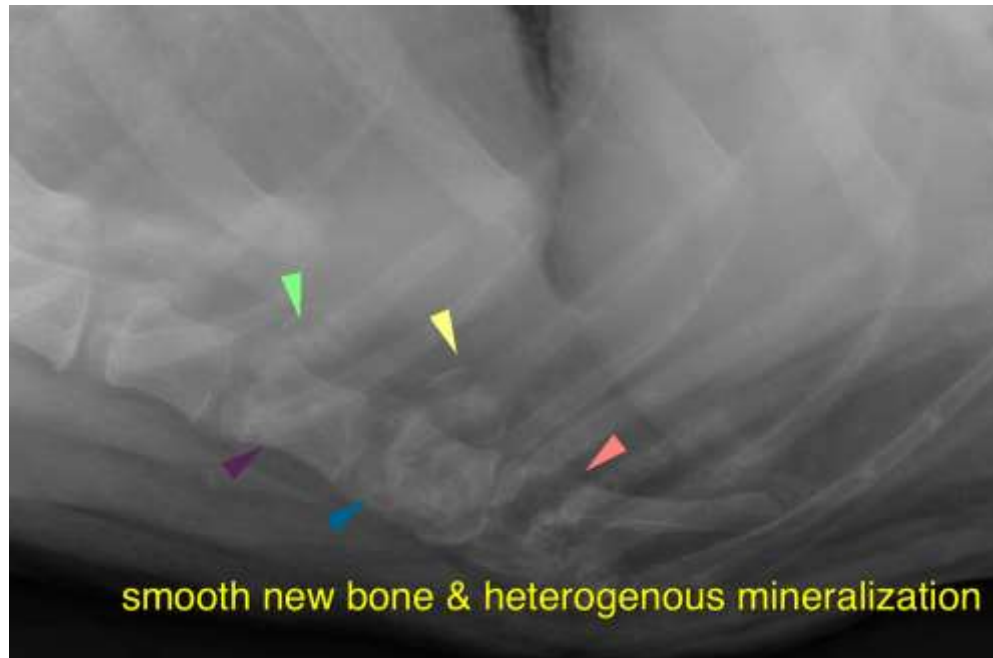
Leonberger

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AGE

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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

Blairstown Animal
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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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Nele.Eley@sonopath.com

REFERRING VET

Dr. Harker

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