



PATIENT

Guinness Sommerville

SPECIES

Canine

BREED

Irish Wolfhound

SEX

Intact Male

AGE

13W

WEIGHT

17.4kg

INTERPRETED BY

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

IMAGING PERFORMED BY

SL

HOSPITAL NAME

CARE Surgery Center

REFERRING VET

Dr. Seth Bleakley

INVOICE

73951

DATE

2-25-26

PRESENTING CLINICAL SIGNS

cute left hindlimb lameness started 10 days ago with little improvement with NSAIDs and rest. Right hindlimb sensitivity on palpation.

COMPUTED TOMOGRAPHIC STUDY OF THE HIND LIMBS

Plain study available for review.

COMPUTED TOMOGRAPHIC FINDINGS

Long Bones

Patchy intermedullary sclerosis involving multiple diaphyseal and metaphyseal regions accentuating the left femur is seen. Circumferential periosteal new bone formation most pronounced along the left femoral diaphysis is noted. A focal medial cortical bone defect with adjacent sclerosis is extending from the proximal femoral metaphysis near the nutrient foramen.

Mild generalized reduction in bilateral pelvic limb muscle volume is seen.

Tarsi

Bilateral subchondral bone defects are present within the trochlear of the talus. The subchondral bone defect is in the medial trochlear ridge in the right tarsus, and the left tarsus presents a significant defect in the lateral trochlear ridge with an additional small defect in the medial trochlear ridge. The findings are consistent with bilateral osteochondritis dissecans.

Hips

Mild reduced femoral head coverage and joint space divergence suggesting of developing hip dysplasia is present bilaterally.

Stifles

The stifles present no evidence of acute injury or osteochondritis. Adult bone development appears to be appropriate for the patient's age in the stifle region.

COMPUTED TOMOGRAPHIC DIAGNOSIS

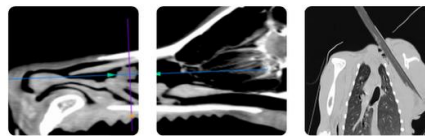
- Polyostotic medullary and periosteal osteopathy accentuating the left femur.
- Bilateral tarsal osteochondritis dissecans.
- Suspect early hip dysplasia requiring longitudinal reassessment.
- No CT evidence of traumatic osseous injury.

INTERPRETATION OF FINDINGS & FURTHER RECOMMENDATIONS

The CT study reveals polyostotic medullary sclerosis and periosteal reaction which is accentuated in the left femur however present bilaterally and most consistent with a severe manifestation of juvenile panosteitis with metaphyseal involvement.

Also note the presence of bilateral tarsal osteochondrosis and changes compatible with early hip dysplasia in both coxofemoral joints.

Evidence of traumatic osseous injury is not seen in this study.



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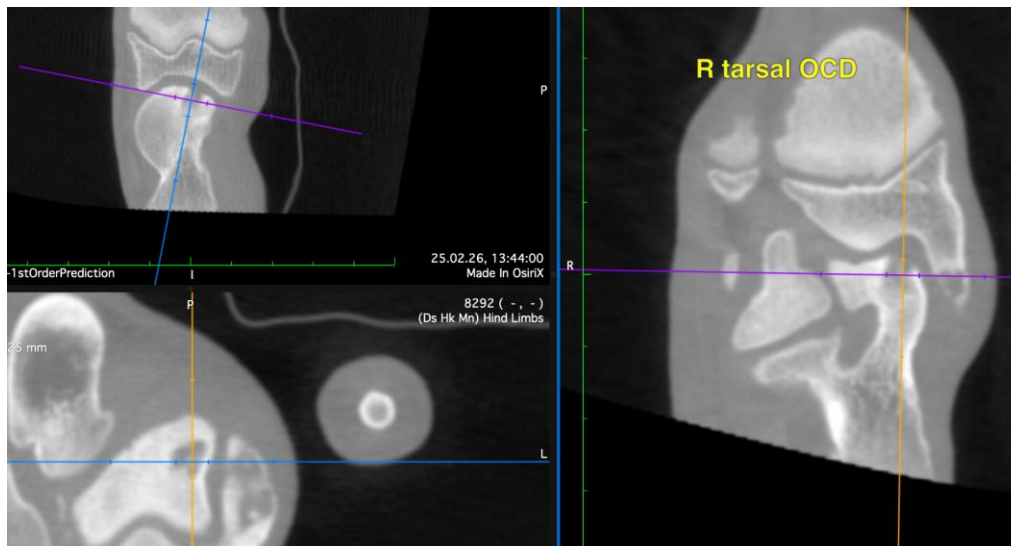
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Conservative management for panosteitis with analgesia, controlled activity, and restriction of the daily caloric intake is recommended. The condition is typically self-limiting but may be prolonged in giant breeds. Orthopedic consultation regarding tarsal OCD should be considered as well. Repeated evaluation either using PennHIP or OFA system at appropriate age.



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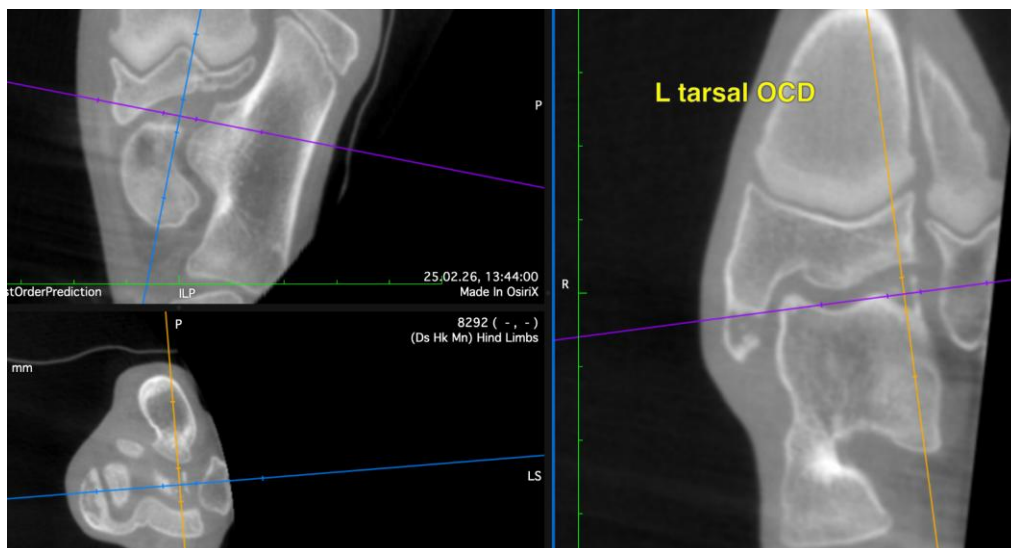
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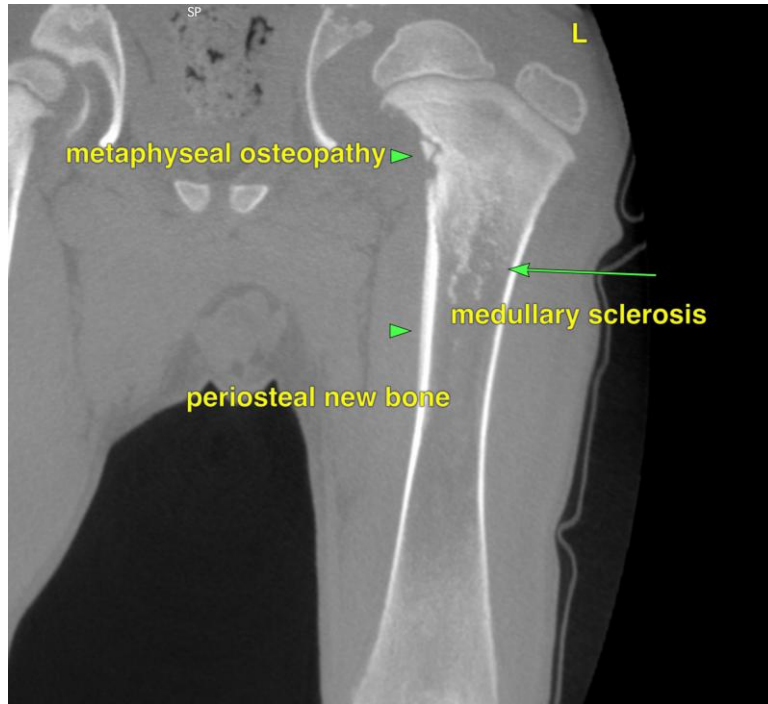
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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