



PATIENT

Chance Eaton

PRESENTING CLINICAL SIGNS

Tibia fracture repair 5 years ago - plate placed. Treated for infected plate 1 year ago - resulted in plate removal. Now in for another infection with an ongoing lick granuloma. On medications currently for infection.

SPECIES

Canine

RADIOGRAPHIC STUDY OF THE RIGHT TIBIA AND FIBULA

Mediolateral and craniocaudal views totaling 2 images available for review.

BREED

Rottweiler

RADIOGRAPHIC FINDINGS

Patient has a history of tibia fracture with complications such as infection and plate removal.

SEX

MN

Soft tissue swelling is seen dorsal to the proximal intertarsal joint as well as associated with the common calcaneal tendon and superficial digital flexor tendon level with and plantar of the tarsus. Faint multifocal pinpoint mineralization can be traced along the superficial digital flexor tendon. Random mineralizations appear to be present dorsal to the proximal intertarsal joint. No significant tibiotarsal or intertarsal joint swelling is seen. The subchondral bone surfaces are smooth and intact. There is no evidence of subchondral bone erosion.

AGE

10 Years, 8 Months

There appears to be mild generalized osteopenia with an altered trabecular bone pattern of the entire right tibia.

Mid and distal diaphyseal synostosis with the fibula is seen.

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

Irregular unsharp cortical bone outline with brush bordered appearance is noted in the proximal and medial aspect of the right tibia with mild regional soft tissue swelling.

The former screw channels are still visible as sclerotic margins which are filled with bone.

HOSPITAL NAME

Heartland Pet
Hospital

Moderate popliteal lymphadenomegaly is seen.

The muscle mass of the right hind limb appears to be reduced.

REFERRING VET

Dr. Leslie Tucker

RADIOGRAPHIC DIAGNOSIS

- Osteopathy with medullary sclerosis and osteopenia of the right tibia.
- Presumed chronic calcaneal tendinitis with superficial digital flexor tendon mineralization.
- Right popliteal lymphadenomegaly.
- Disuse atrophy of the right hind limb musculature.

INVOICE

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The findings are compatible with low grade infection in terms of chronic osteomyelitis and proximomedial periostitis of the right tibia. No evidence of tibiotarsal or stifle joint involvement is seen.

DATE

5-9-22

The popliteal lymph node changes are suggestive for reactive lymphadenitis. Infiltrative disease cannot be ruled out entirely but is thought unlikely. Fine needle aspiration is recommended for further definition.



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Consider the presence of calcaneal tendinitis with superficial digital flexor tendon mineralization. Thorough clinical palpation of the calcaneal tendon is recommended in order to rule out concurrent calcaneal tendon injury.

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Dr. Leslie Tucker

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.

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.

INVOICE

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