



PATIENT PRESENTING CLINICAL SIGNS

Maxx 556 Dog Tales
Rescue

History: bilateral hindlimb lameness, Bilateral severe muscle atrophy, x-rays revealed severe hip dysplasia, stifle effusion , bilateral tarsi boney remodeling CT performed of pelvis and full hindlimbs

COMPUTED TOMOGRAPHIC STUDY OF THE PELVIS AND HIND LIMBS

SPECIES

Canine

A plain CT study of the pelvis and hind limbs in a bone and soft tissue reconstruction is provided for review.

COMPUTED TOMOGRAPHIC FINDINGS

BREED

Lab X

The vertebral endplates of the lumbosacral junction present mild spondylosis formation.

Both coxofemoral joints present moderate osteophyte new bone formation. The acetabular groove bilaterally is shallow and the center of the femoral heads is level with the dorsal acetabular rim.

SEX

Male

Both hind limbs present a decreased volume of the musculature, R>L.

Both stifle joints present smooth osseous margins and without signs of intracapsular soft tissue swelling. The surrounding soft tissue structures of both stifle joints are within normal limits.

AGE

5 Years

The popliteal lymph node bilaterally is prominent.

The periarticular bones of the tibiotarsal joints and talocalcaneal tarsal joint bilaterally present advanced osteophyte new bone formation. The periarticular bones of the affected tarsal joints bilaterally present multiple small irregular or well-defined defects of the subchondral bone. Both tarsal joints present a mild to moderate intracapsular soft tissue swelling, L > R.

INTERPRETED BY

Sebastian Schaub,
DVM Dr. med. vet.
DipECVDI

The metatarsophalangeal joint of the right phalanx II, IV and V & the left phalanx V present advanced osteophyte new bone formation with small geographic osteolytic lesions of the subchondral bone. The proximal interphalangeal joint of the second phalanx of the right hind paw presents advanced osteophyte formation and lysis of the subchondral bone with loss of the normal conformation of the condyles.

HOSPITAL NAME

Animal Health
Partners

COMPUTED TOMOGRAPHIC DIAGNOSIS

REFERRING VET

Jeffrey Biskup

- Advanced degeneration joint disease talocrural joints and talocalcaneal joints bilaterally with signs of erosive lesions, with articular swelling L>R
- Erosive arthritis proximal interphalangeal joint second phalanx right hind paw with articular swelling
- Advanced degenerative osteoarthritis metatarsophalangeal joint of the right phalanx II, IV and V & the left phalanx V with articular swelling
- Degenerative osteoarthritis coxofemoral joints bilaterally, due to hip dysplasia
- Lymphadenopathy popliteal lymph node bilaterally

INVOICE

17957

DATE

10/27/22



PATIENT

- Disuse atrophy hind limbs bilaterally
- Normal stifle joints bilaterally

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

SPECIES

Canine

There is evidence of advanced degenerative osteoarthritis of the tarsal joints and multiple metatarsophalangeal joints and the proximal interphalangeal joint of the second phalanx right hind paw. Due to the defects of the subchondral bone, erosive arthritis is a consideration – immune mediated versus infectious (e.g. Leishmaniasis, bacterial) – and a synovial tap is warranted as advanced diagnostic tool and differentiation from advanced degenerative joint disease. The appreciated changes along the tarsal joints and metatarsophalangeal joints is a plausible explanation for the hind limb lameness.

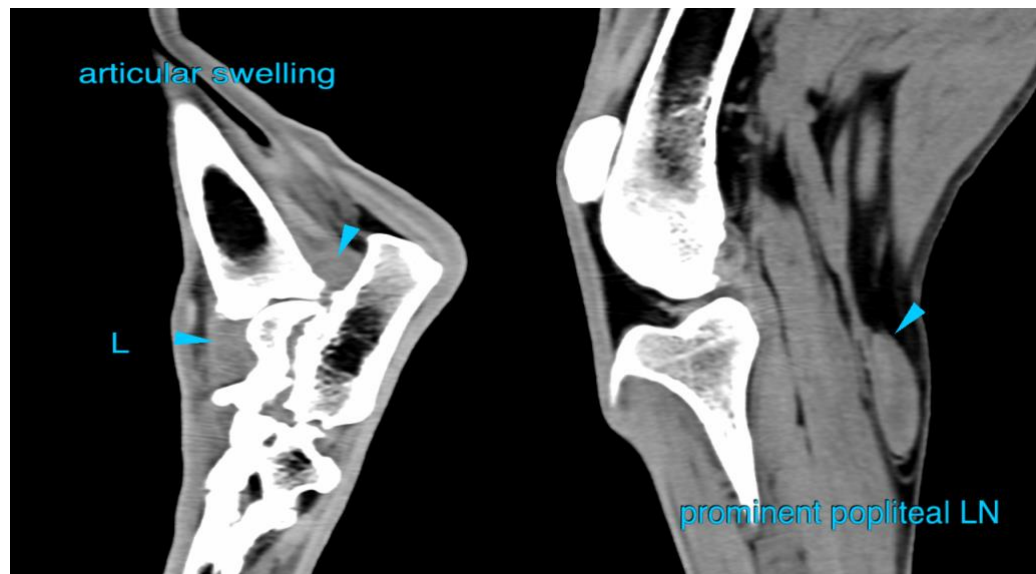
BREED

Lab X

Consider complementing workup by FNA sampling of the popliteal lymph nodes.

SEX

Male



AGE

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BREED

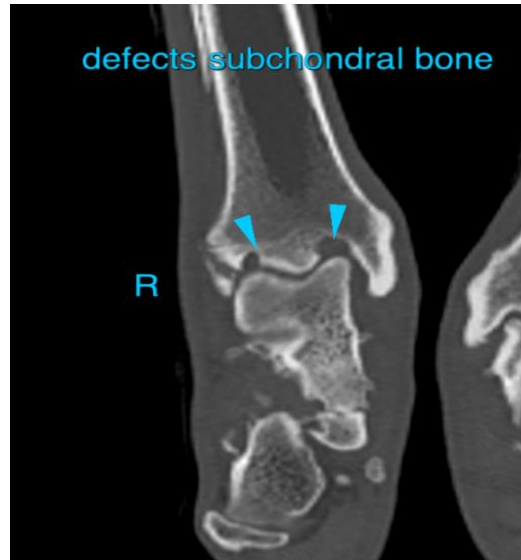
Lab X

SEX

Male

AGE

5 Years



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.

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