



PATIENT PRESENTING CLINICAL SIGNS

Dozer Sharrow Patient presented for evaluation of progressive edema in the right hind leg. History of tibial fx repair in the left hind leg. Edema was found on exam 6/2/23; not previously noted by owner. No significant lameness at time of diagnosis, radiographs show significant DJD affecting the right stifle.

SPECIES COMPUTED TOMOGRAPHY OF THE HIND LIMBS

Canine A high resolution pre- and post-contrast CT study of the hind limbs is provided for review.

COMPUTED TOMOGRAPHIC FINDINGS

BREED The periarticular bones of the right coxofemoral joint present moderate osteophyte new bone formation. The right acetabulum is shallow. The periarticular bones of the left coxofemoral joint are smooth.
Pitbull Mix

SEX The right inguinal lymph node is prominent and the subcutaneous fat at the right lateral aspect of the penis presents focal moderate fat-stranding.

Male Neutered The osseous structures of the right stifle joint present advanced osteophyte new bone formation. The subchondral bone of the periarticular bones of the right stifle joint present multiple well-defined concave depression/punched out lesions. The patella of the right stifle joint is located medial to the medial femoral condyle, articulating with an exostosis at the medial aspect. The right stifle joint presents a significant intracapsular soft tissue swelling with a heterogeneous contrast enhancement pattern. The right popliteal lymph node is prominent.

AGE
11 Years, 6 Months

INTERPRETED BY The periarticular bones of the left stifle joint present significant osteophyte new bone formation and intracapsular soft tissue swelling.

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

The tibial tuberosity bilaterally presents a cartilage islet in the proximal aspect.

A surgical implant is appreciated at the medial aspect of the diaphysis of the left tibia.

HOSPITAL NAME COMPUTED TOMOGRAPHIC DIAGNOSIS

Wilson Veterinary
Hospital

- Marked articular swelling right stifle joint with heterogeneous contrast enhancement pattern of the synovial lining and polyostotic semiaggressive osteolytic lesions of the periarticular bones
- Lymphadenopathy right inguinal lymph node and accompanying mild subcutaneous edema
- Lymphadenopathy right popliteal lymph node
- Right sided medial patellar luxation – suspect secondary to the markedly thickened joint capsule
- Degenerative osteoarthritis stifle joints bilaterally
- Articular swelling left stifle joint
- Degenerative osteoarthritis left stifle joint, due to hip dysplasia

REFERRING VET

Dr. Donovan

INVOICE

58946

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

DATE

6-21-23

The appreciated soft tissue proliferation of the joint capsule of the right stifle joint in combination with the multifocal pressure erosion of the subchondral bone and lymphadenopathy of the tributary lymph nodes is highly concerning for neoplastic transformation – such as synovial cell sarcoma, round cell tumor. Advanced septic arthritis or Leishmaniasis is a consideration as well, but the odds are lower. If not done so yet, recommend FNA sampling ± biopsy of the joint capsule of the right stifle joint and FNA



PATIENT sampling of the enlarged lymph nodes.

Dozer Sharrow The degenerative joint disease of the left stifle joint is suggestive for underlying pathology of the cranial cruciate ligament ± meniscal pathology.

SPECIES

Canine

BREED

Pitbull Mix

SEX

Male Neutered

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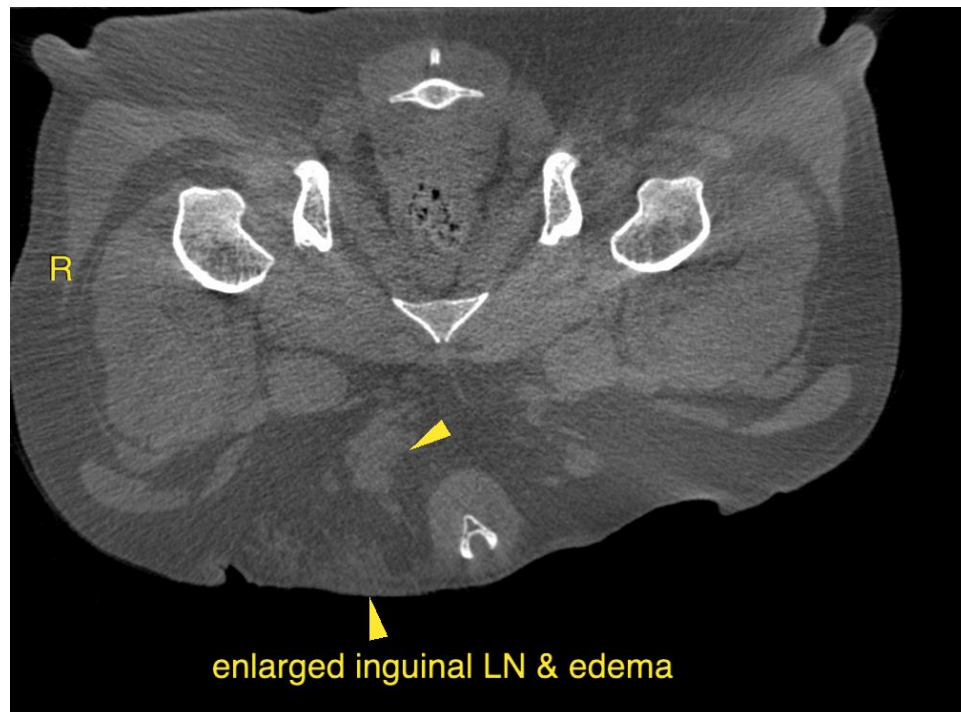
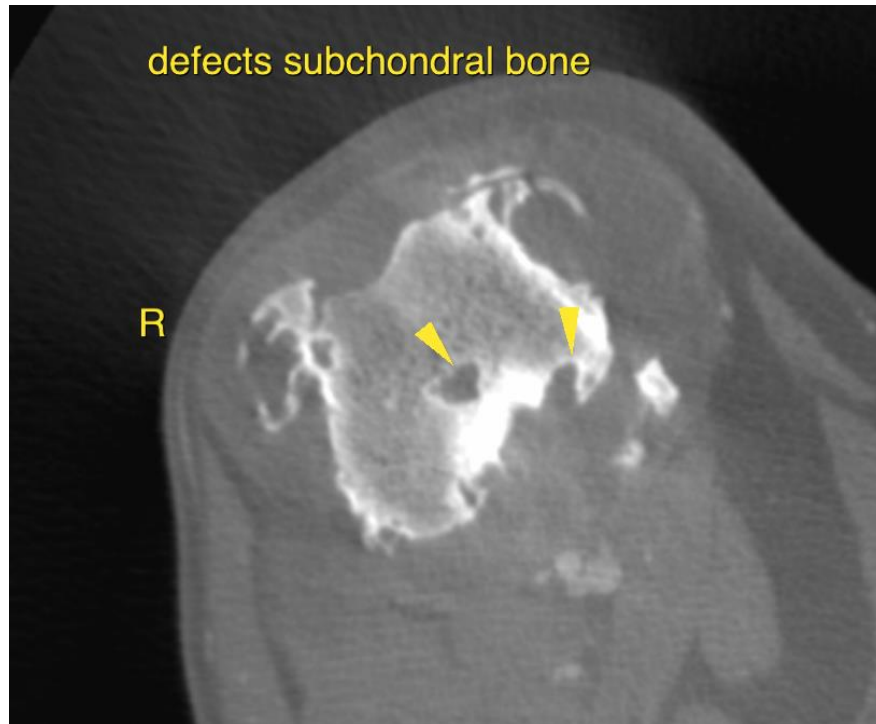
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PATIENT The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

Dozer Sharrow

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.

SPECIES

Canine

Sebastian Schaub, Sebastian Schaub, DVM, Dr. med. vet. DipECVDI
info@sonopath.com

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SEX

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