



## PATIENT

Riley Cummings

## SPECIES

Canine

## BREED

Treeing Walker  
Coonhound

## SEX

Spayed Female

## AGE

9

## WEIGHT

39

## INTERPRETED BY

Heike Rudolf, DVM, Dr.  
med. Vet., DipECVDF  
DVR

## IMAGING PERFORMED BY

Dr. Blake

## HOSPITAL NAME

Sherrills Ford Animal  
Hospital

## REFERRING VET

Dr. Blake

## INVOICE

15718

## DATE

05/01/26

## PRESENTING CLINICAL SIGNS

Intermittent lameness on affected limb since December; worsens with activity or weather- Foot swelling and presumed popliteal lymphadenopathy noted yesterday. Eating poorly recently, decreased appetite last few days. Vomited undigested food this morning (from previous night's meal, included rice)

Abnormal PE/Chem/CBC/UA Results: Mild weight-bearing lameness, intermittent, right pelvic limb Hot spot, erythematous, moist dermatitis, self-trauma present on ventral neck Right popliteal lymph node: markedly enlarged, firm Right hind 3rd digit mild swelling present at based of nail, interdigital erythema

## RADIOGRAPHIC STUDY OF THE STIFLES

R/L lateral and R cranio-caudal stifle, totaling 6 radiographs provided for interpretation. Additional images of pelvis and paws were not reported.

Undated non-DICOM images

## RADIOGRAPHIC FINDINGS

### Hind legs

The muscle mass on the right appears to be reduced.

### Right side

Layered periosteal new bone (NB) surrounds the distal femur and is centrally accompanied by trabecular destruction which merges with a more sclerotic, proximal region. The disto-lateral cortex appears to be reduced in thickness.

Stifle: the joint presents with smooth, subchondral bone surfaces and the center of the femoral condyles is in line with the intercondylar eminence of the tibia. The cranial fat pad has a physiological size and the caudal fascial plains are slightly obscured. The patella is located centrally in its groove.

Stifle L: the joint presents with smooth, subchondral bone surfaces and the center of the femoral condyles is in line with the intercondylar eminence of the tibia. The cranial fat pad has a physiological size and the caudal fascial plains are in a physiological position. New bone formation is not evident and the patella is located centrally in its groove.

## RADIOGRAPHIC DIAGNOSIS

### Right hind

- Mono-ostotic, destructive lesion distal femur
- Popliteal lymphadenopathy
- Muscle atrophy

## INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The changes are compatible with a primary, lytic bone tumor. Samples should be obtained from the popliteal lymph node for verification and prognosis. In case treatment is desired, thoracic radiographs or a CT are recommended for staging, inguinal and sublumbar lymph nodes should also be examined.



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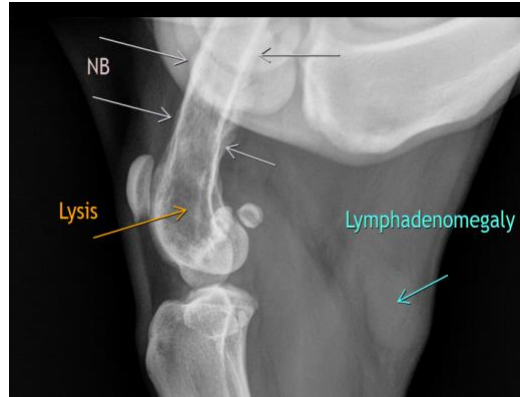
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

Heike Rudolf, DVM, Dr. med. vet., DipECVDI, DVR  
[info@sonopath.com](mailto:info@sonopath.com)