

**PATIENT**

Hudson Rice

**PRESENTING CLINICAL SIGNS**

Currently undergoing Tplo surgery and surgeon noticed bone was very soft cutting through

**SPECIES**

Canine

**RADIOGRAPHIC STUDY OF THE RIGHT STIFLE**

Mediolateral and craniocaudal views of the right stifle totaling 3 images available for review.

**BREED**Bermese Mountain  
Dog

There appears to be muscle atrophy of the right hind limb musculature.

Moderate articular swelling of the right stifle joint is seen. There is cranial thrust of the tibia with respect to the femoral condyles. Moderate osteophytosis of the patella apex, femoral trochlea, and tibial plateau is seen. The patella tendon presents thin and smooth. Small cartilage remnants of the tibial tuberosity are noted and considered incidental. An aggressive bone lesion cannot be identified in the proximal tibia.

**SEX**

MN

**RADIOGRAPHIC DIAGNOSIS**

- Moderate right stifle osteoarthritis with radiographic evidence of cranial cruciate ligament failure.

**AGE**

6 Years

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The radiographic changes are compatible with the history of cranial cruciate ligament injury in the right stifle. Moderate concurrent osteoarthritic changes are seen. I cannot identify definitive evidence of an aggressive bone lesion. However, with the pertinent history and considering that radiographs are relatively insensitive to early signs of bone turnover, bone biopsy or an MRI could be considered for further definition to rule out early malignancy. MRI would have to be postponed until after osteotomy healing to not risk loosening of the implant. Hence, biopsy may be the preferred way to go in this patient. Contrast enhanced CT may shed some light onto the potential presence of a contrast enhancing intraosseous mass; however, the diagnostic accuracy for osseous changes is not necessarily much higher than for the radiographs in this case.

**INTERPRETED BY**Nele Eley, DVM  
Dr. med. Vet. DipECVDI**HOSPITAL NAME**

SVS Imaging

**REFERRING VET**

Dr. Gromalak

**INVOICE**

53022

**DATE**

7-21-22



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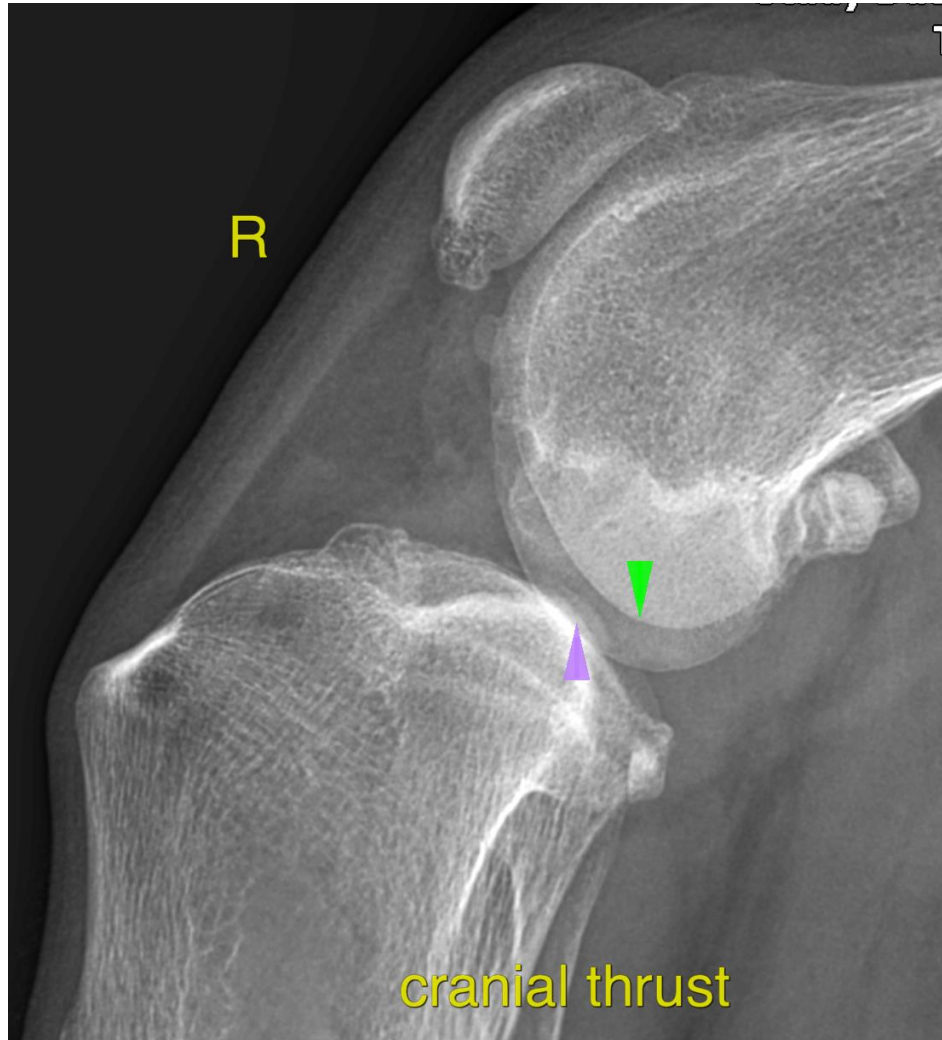
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

**Nele Eley**, DVM, Dr. med. vet., DipECVDI  
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