



**PATIENT**

Kate Koppenhafer

**PRESENTING CLINICAL SIGNS**

Acutely left front lame yesterday. Has transiently limped on each front leg in the past, but nothing like this.

**SPECIES**

Canine

Abnormal PE/Chem/CBC/UA Results: Pain on left elbow flexion, but still decent ROM. Mild RF m. atrophy, Moderate LF m. atrophy. 3/5 lame left front. When extending limb for AP elbow view- painful.

**BREED**

Bernese Mountain Dog

**RADIOGRAPHIC STUDY OF THE SHOULDERS & ELBOWS**

Mediolateral views of both shoulders and neutral and flexed mediolateral and craniocaudal views of both elbows totaling 9 images available for review.

**RADIOGRAPHIC FINDINGS**

**Shoulders**

**SEX**

FS

Subchondral bone defects are seen within the caudal contour of both humeral heads, L>R.

Peripheral medullary bone sclerosis is noted. There is early osseous remodeling of the periarticular margins with a small osteophyte in the caudal aspect of the humeral head in both front limbs.

**AGE**

1 Year, 11 Months

**Elbows**

Both elbows present within normal limits. There is no evidence of medial coronoid pathology, subchondral bone defects, or osteoarthritis. No evidence of traumatic osseous injury is seen.

**INTERPRETED BY**

Nele Eley, DVM  
Dr. med. Vet. DipECVDI

**RADIOGRAPHIC DIAGNOSIS**

- Bilateral shoulder osteochondritis with early degenerative joint disease.

**HOSPITAL NAME**

Elizabeth Animal Hospital

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The radiographic study reveals osteochondritis within both shoulder joints. Early osteoarthritic changes of both shoulders are noted. The subchondral bone defect appears to be deeper in the left shoulder. Clinical correlation and significance of shoulder osteochondritis are highly variable. Clinical correlation is therefore very important in order to be able to decide as to whether the apparently acute and severe clinical signs are actually attributable to the shoulder osteochondritis and can be fully explained by it.

**REFERRING VET**

Leon Anderson, DVM

No evidence of elbow arthropathy is seen radiographically.

**INVOICE**

56188

**DATE**

1-16-23



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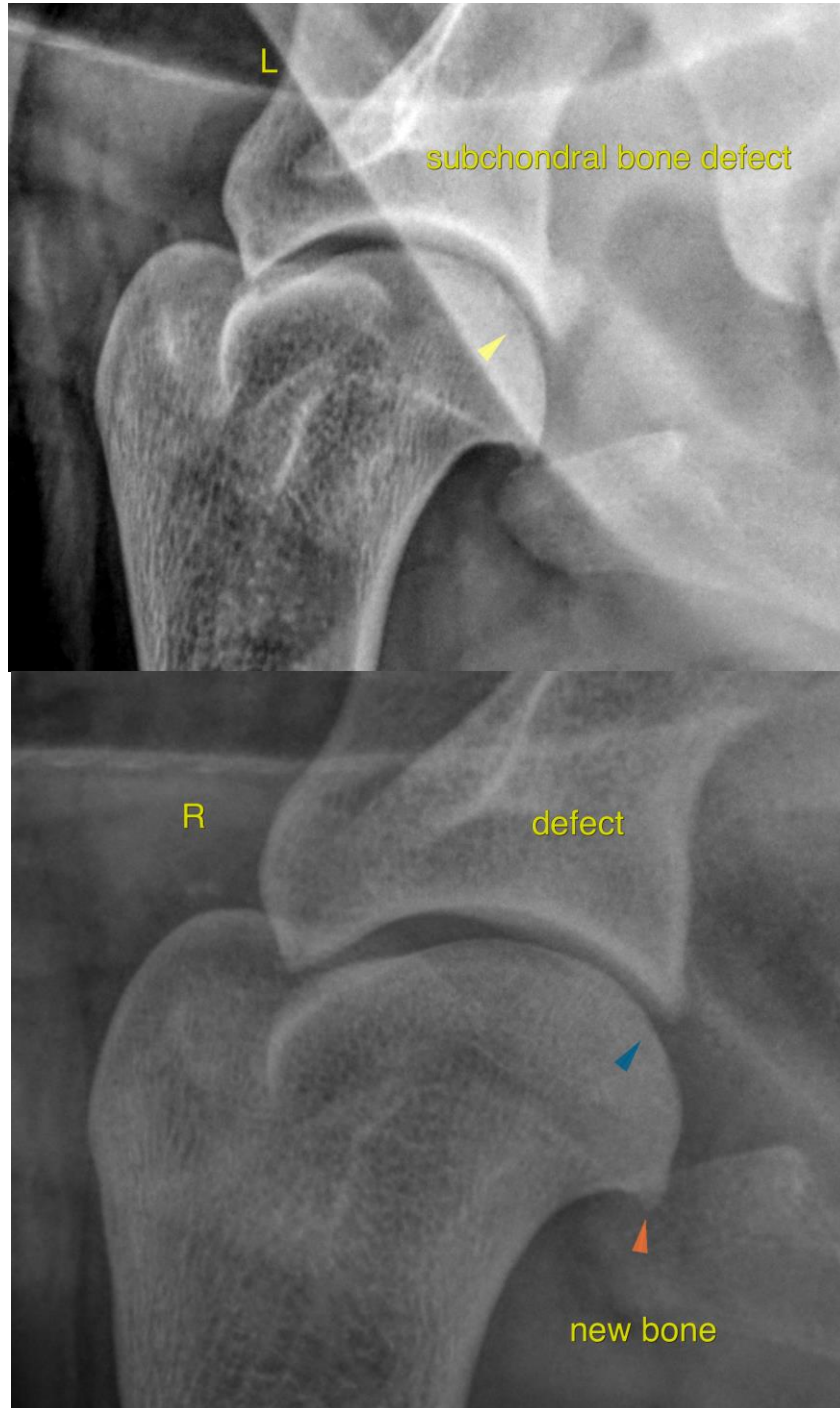
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

**SPECIES**

Canine

**Nele Eley**, DVM, Dr. med. vet., DipECVDI  
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Senior lecturer University of Giessen, Germany, Veterinary Faculty, Department of Radiology  
Nele.Eley@sonopath.com

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