



**PATIENT**

Kkoma Kang

**PRESENTING CLINICAL SIGNS**

Presented for intermittent shifting leg lameness, started in August 2021 he was limping on his right hind limb. Seen by primary care vet and couldn't identify exact source of lameness. Starts with swinging hips and then lifting a leg. December-January 2022 was limping on thoracic limbs too. Orthopedic examination. Knees have normal stability and ROM. Carpi and tarsi palpate normally. Hips display relatively good range of motion. Possible discomfort on right hip manipulation. CT bilateral forelimbs, cbc, chemistry, GI blood panel done Mar 18/22

**SPECIES**

Canine

**COMPUTED TOMOGRAPHIC STUDY OF THE FRONT LIMBS**

**BREED**

German Shepherd

Plain study of the shoulders, elbows, and carpi in soft tissue and bone windows available for review.

**COMPUTED TOMOGRAPHIC FINDINGS**

**SEX**

M

The long bones of the front limbs show randomly distributed mild to moderate medullary scleroses in their diaphyseal parts. The changes are accentuated in the diaphysis of the left humerus; however, bilateral humeri, radius, and ulna reveal patchy medullary sclerotic changes. No significant periosteal new bone formation and no associated soft tissue swelling is seen. The metaphyseal and epiphyseal portions of the bones are spared.

**AGE**

1 Year, 9 Months

Both medial coronoid processes present within normal limits.

**INTERPRETED BY**

Nele Eley, DVM  
Dr. med. Vet. DipECVDI

No evidence of subchondral bone defects is noted in the elbows or shoulders. There is no evidence of osteoarthritic changes.

The carpi and phalangeal joints present within normal limits.

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

- Panosteitis eosinophilica.

**HOSPITAL NAME**

Animal Health  
Partners

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The CT findings are compatible with panosteitis which is a juvenile sterile form of osteomyelitis that is typically self-limiting and ceases with reaching skeletal maturity, however, can be prolonged especially in German Shepherd dogs which may explain this patient's clinical signs. The osseous changes are typically accompanied by peripheral blood eosinophilia and respond to systemic NSAID treatment. Restriction of the daily caloric intake, and reduction of activity may help alleviate the clinical signs as well.

**REFERRING VET**

Lea Mehrkens

**INVOICE**

51029

At this time there is no evidence of elbow dysplasia or other joint pathology in the front limbs.

**DATE**

3-18-22



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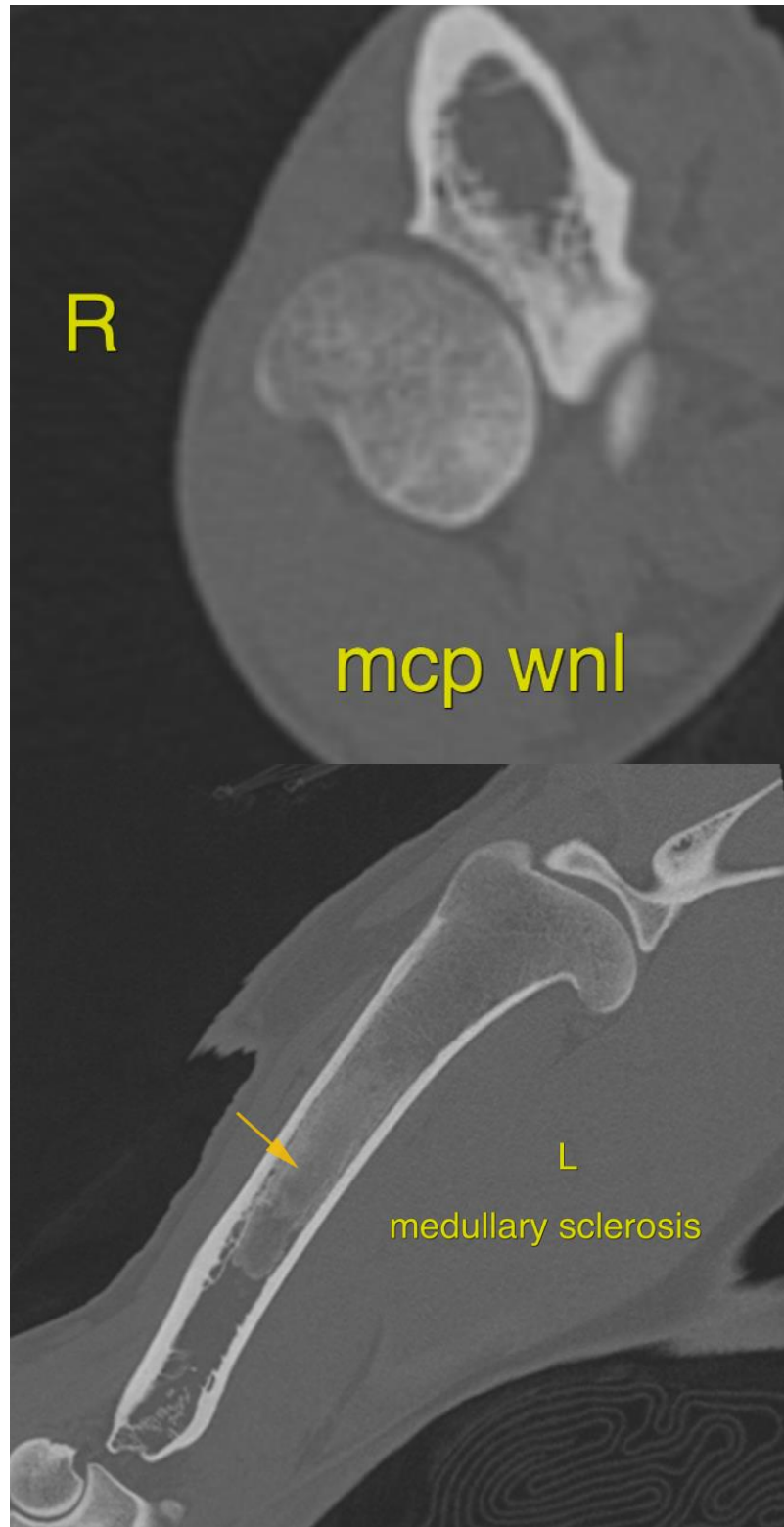
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

**SPECIES**

Canine

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.

**BREED**

German Shepherd

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