



**PATIENT PRESENTING CLINICAL SIGNS**

Leo Aujla Left hind leg lame and sore right hind for past 3-4 days. No known trauma, very active dog at dog park.

**SPECIES RADIOGRAPHIC STUDY OF THE STIFLES & PELVIS**

Canine Mediolateral and craniocaudal views of both stifles and ventrodorsal and lateral views of the pelvis totaling 7 images available for review.

**BREED RADIOGRAPHIC FINDINGS**

German Shep. **Pelvis**

**SEX**  
M  
Moderate subluxation of both coxofemoral joints is seen. The femoral heads are small and poorly covered by the acetabulum. Acetabular coverage is less than 30% on both sides. There is moderate craniolateral subluxation. Flattening of the craniolateral acetabular rim with deep subchondral bone sclerosis is seen. A moderate amount of circumferential femoral head and caudolateral curvilinear femoral neck osteophytes is seen bilaterally.

**AGE**  
11 Months  
The right acetabulum presents periarticular osteophytes as well.

The muscle volume of both hind limbs appears to be relatively low.

Opacification of the medullary cavities is seen within the femoral diaphysis in both hind limbs. The nutrient foramen are highlighted due to the increased medullary opacity.

**INTERPRETED BY**

Nele Eley, DVM  
Dr. med. Vet. DipECVDI

The lumbosacral junction presents within normal limits.

**Stifles**

Both stifle joints present within normal limits. There is no evidence of articular swelling or subchondral bone defects.

**HOSPITAL NAME**

Sunridge Veterinary  
Clinic

**RADIOGRAPHIC DIAGNOSIS**

**REFERRING VET**

Dr. Duncan

- Severe bilateral canine hip dysplasia with moderate secondary coxofemoral joint osteoarthritis
- Panosteitis eosinophilica
- Atrophy of the hind limb musculature likely due to disuse.

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

**INVOICE**

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The radiographic study of the stifle joints is within normal limits. There is radiographic evidence of severe bilateral canine hip dysplasia with moderate secondary osteoarthritis changes. The degree of osteoarthritis is remarkable for a young dog and a consequence of the increased laxity and conformational abnormality of the hip joints.

**DATE**

10-6-22

Chronic disuse is indicated by the relatively low muscle volume in both hind limbs. The atrophy appears to be slightly more pronounced on the left side however this may be positional.



**PATIENT**

Leo Aujla

Note the presence of radiographic signs of panosteitis eosinophilica which is a juvenile self-limiting inflammation of the long bones which the German shepherd dog is predisposed for. The disease is self-limiting and ceases with reaching skeletal maturity however it may be prolonged in German shepherd dogs. The patients typically respond well to rest, restriction of the daily caloric intake, and systemic NSAID administration.

**SPECIES**

Canine

**BREED**

German Shep.

**SEX**

M

**AGE**

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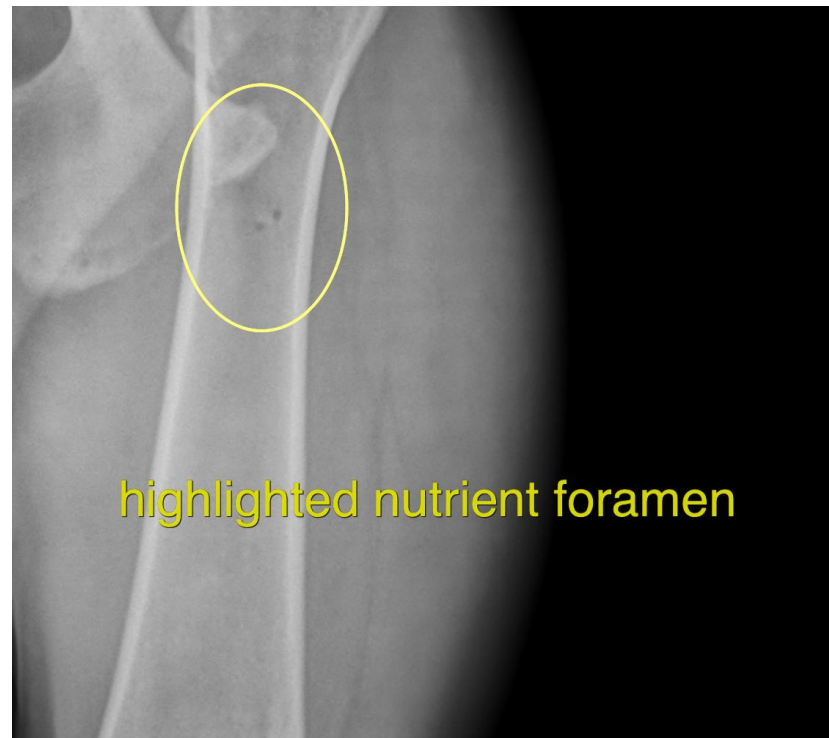
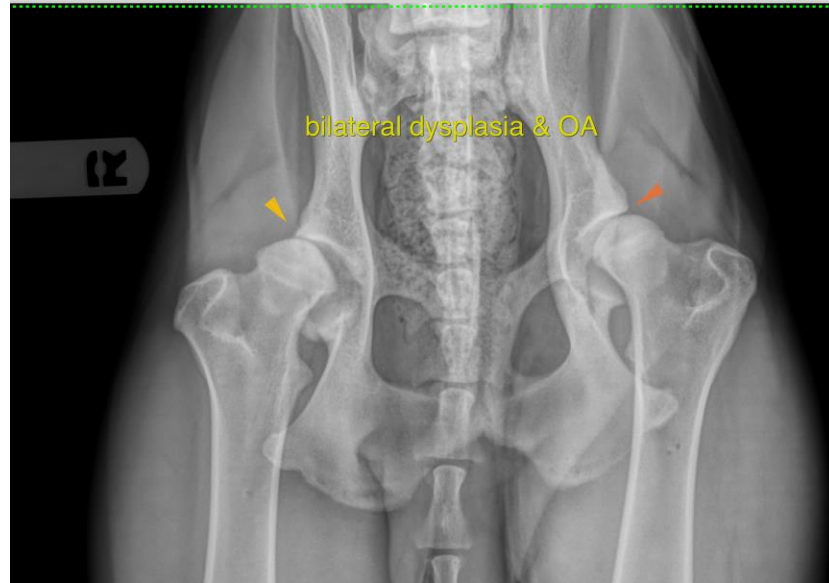
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**PATIENT**

Leo Aujla

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 Shep.

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**SEX**

M

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