



PATIENT PRESENTING CLINICAL SIGNS

Ryder Mendez History: Ryder presented today for being lame on his RIGHT FRONT limb. He has been waxing/waning between toe touching and being non-weight bearing for approximately a week. He appears to be getting progressively more lame but is consistently lame on only the FR limb. Appetite has been low for a month and he will go a few days without eating. He is on a generic adult kibble. Unsure of brand. No vomiting, diarrhea, coughing or sneezing noted and no medications given.

SPECIES

Canine Abnormal PE/Chem/CBC/UA Results: Painful to pressure along the mid-humerus (RF limb). Grade 3/5 lameness on RF limb and muscle loss noted in shoulder area. Abdomen large and distended but not painful on palpation.

BREED

German Shepherd

RADIOGRAPHIC STUDY OF THE ABDOMEN, PELVIS, SHOULDERS, ELBOWS, CARPI AND FORE PAWS

Abdomen

SEX

The body condition score is 5/9 with mild, centrifugal displacement of the abdominal wall.

Intact Male

The bony structures are within normal limits.

AGE

The abdominal detail is in line with the given age; diaphragm and abdominal wall are intact.

5 Months

The liver is located within the costal arch and the caudo-ventral lobe is pointed.

The head of the spleen appears physiological.

INTERPRETED BY

**Heike Rudorf, DVM,
Dr. med. Vet.,
DipECVDI DVR**

The stomach contains a small amount of air and some roundish structures of calcium opacity. The small intestinal loops appear to be located in the cranio-ventral abdomen. A large amount of unformed, granular material is present in the large intestine.

Both renal shadows appear not to be enlarged. The bladder is located just cranial to the pubic brim and contains a moderate amount of homogeneous fluid opacity.

HOSPITAL NAME

Lacombe VC

The sublumbar region appears physiological.

Limbs

REFERRING VET

Dr. Cindy Nowle

Mid-ulna and radius appear to have an increased opacity of the medulla on both sides. Cortical-medullary development and differentiation of the long bones are otherwise physiological.

Shoulders

INVOICE

23134

A semi-circular lucency appears to be present in the distal right scapula. The left joint appears congruent with even subchondral bone surfaces. Swelling around the joints is not apparent.

Elbows

DATE

6/28/23



PATIENT The joints are congruent with smooth subchondral bone surfaces. Soft tissue swelling is not apparent.

Ryder Mendez **Paws**

All sesamoid bones are symmetrical and physiological. The carpal joints are congruent.

SPECIES **Pelvis**

Canine
The centre of the right femoral head is located well lateral to the dorsal acetabular edge. The centre on the left is superimposed onto the dorsal acetabular edge. Both hip joints appear incongruent with widening of the medial joint spaces. No new bone formation is evident.

BREED

German Shepherd

RADIOGRAPHIC DIAGNOSIS

- Granular material in large intestine
- Hip subluxation left more than right
- Possible panosteitis
- Possible lesion R distal scapula

SEX

Intact Male

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

AGE

5 Months

The appearance of the large intestine is unusual for a dog this young and a refusal to eat could well be caused by the early introduction of an adult diet. Re-assessment of the diet including a check for caloric intake protein, fat etc. should be carried out. Examination for hip dysplasia should be carried out once the dog is skeletally mature or if clinical signs develop later in life.

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An increased medullary opacity can be exposure related or may be caused by panosteitis. However, in the disease, the increased opacity is not bilateral symmetrical. Thus, for the diagnosis or panosteitis deep pressure has to be applied over the areas to ensure pain can be elicited. The described pain in the humerus could well be due to panosteitis. A considerable degree of bony change is necessary to identify panosteitis radiographically but CT can show early changes clearly. The apparent lucency in the distal right scapula most likely represents a centering artefact; however, OCD of the scapula could be present. The radiograph can either be repeated or, should pain be present on shoulder manipulation, a CT study may be necessary.

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REFERRING VET

Dr. Cindy Nowle



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PATIENT

Ryder Mendez

SPECIES

Canine

BREED

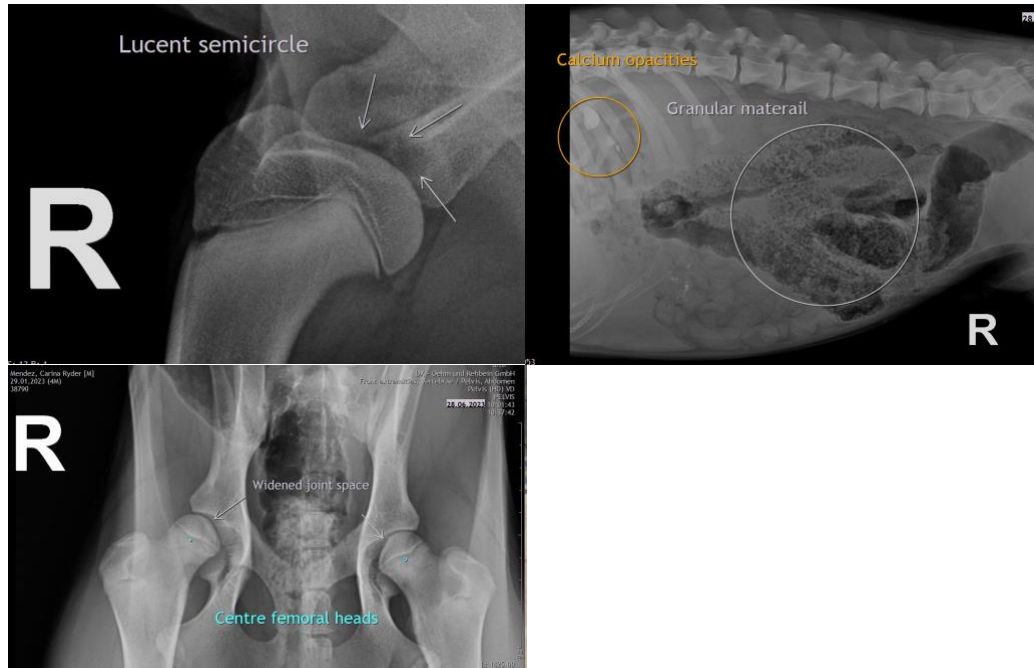
German Shepherd

SEX

Intact Male

AGE

5 Months



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.

INTERPRETED BY

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

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.

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info@sonopath.com

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