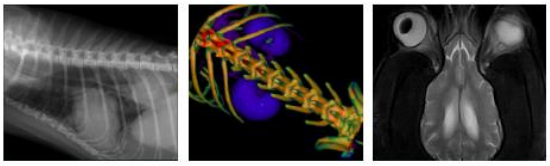

SonoPath.com
1-800-838-4268 info@sonopath.com

PATIENT

Nori Koi Weaver

SPECIES

Canine

BREED

Old English Bulldog

SEX

Spayed

AGE

5 Years

INTERPRETED BY

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

HOSPITAL NAME

Elizabeth Animal Hospital

REFERRING VET

Kim Allyn, DVM

INVOICE

52134

DATE

5-13-22

PRESENTING CLINICAL SIGNS

She has been limping on her right hind for the last couple of weeks. Suspect CCL tear.

Abnormal PE/Chem/CBC/UA Results: Painful in the right hind.

RADIOGRAPH OF PELVIS AND STIFLES

Pelvis: VD, lateral including stifles

Stifles: R and L two orthogonal views each

RADIOGRAPHIC FINDINGS

Size of the right thigh muscles is reduced.

Cortical-medullary development and differentiation of the long bones are physiological. The medulla of the right femur and tibia is reduced in opacity.

Pelvis

The pelvis is rotated slightly to the right. The centre of both femoral heads is located lateral to the respective dorsal acetabular edge. The cranial acetabular edge is straight and sclerotic. The medial aspect of the left hip joint space and the entire right hip joint space is homogeneously widened. New bone formation is present along both femoral necks and on the left cranial effective acetabular edge.

Stifles

A roundish, lucent area is located in the cranial aspect of both tibial plateaus.

The left stifle joint has smooth subchondral bone surfaces, and the centre of the femoral condyles is in line with the intercondylar eminence. The cranial fat pad has a physiological size, and the caudal fascial plains are in a physiological position. New bone formation is not evident, and the patella is located in its groove. A small, rounded, mineral opaque structure is located on the medial aspect of the tibial plateau.

The right stifle joint shows a decrease of the cranial fat pad and loss of the caudal fascial plains. The centre of the femoral condyles is located caudal to the intercondylar eminence of the tibia. A small amount of new bone formation is evident on patella, femoral condyles, lateral ridge, sesamoid bones and tibial plateau.

RADIOGRAPHIC DIAGNOSIS

R stifle

- Cruciate ligament rupture
- OA, mild

L stifle

- Mineral opacity medial to tibial plateau

Pelvis

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- HD bilateral, mild
- OA bilateral, mild
- Muscle atrophy, right thigh

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

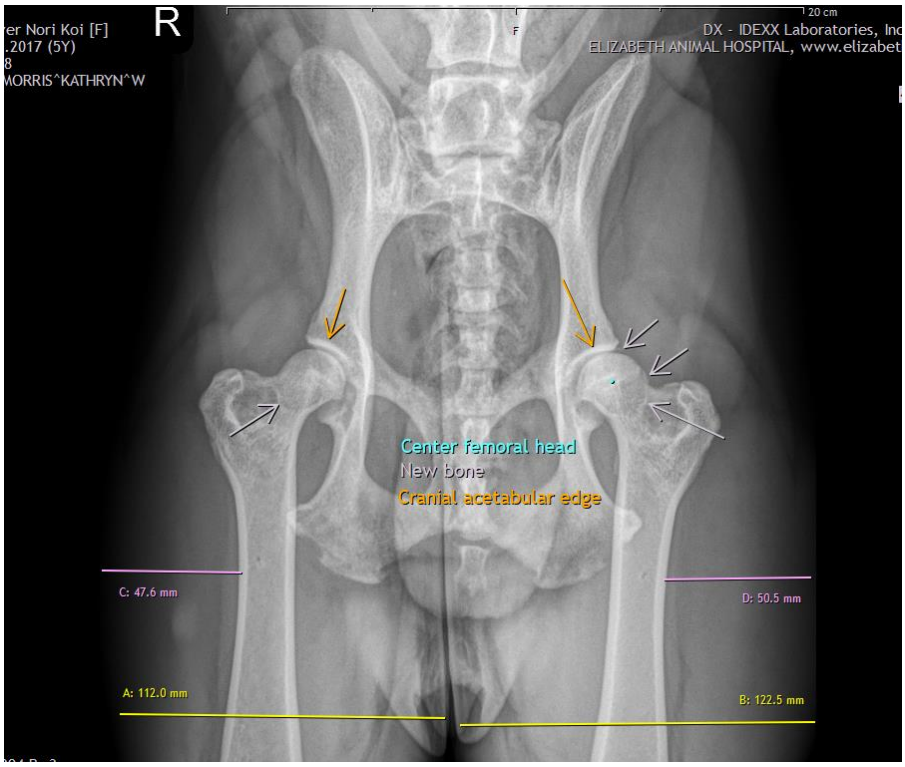
Reduction in opacity of the long bones on the right is due to the muscle atrophy.

The changes in the right stifle joint are compatible with a complete cruciate rupture and associated instability. The mineral fragment lateral to the left tibial plateau could be located in the joint capsule or could represent a displaced popliteal sesamoid. Further examinations are only required if lameness or pain are present.

Due to the mild right sided rotation of the pelvis the right hip joint appears more and the left less subluxated than it truly is. This, in association with the HD could be the cause for the muscle atrophy. However, sciatic nerve disease (e.g. inflammation) can also cause muscle atrophy. Thus, should the muscle mass not increase after surgery and physiotherapy cross sectional imaging is recommended.

TECHNICAL COMMENTS

Both cranio-caudal views of the stifles are labeled with an R.



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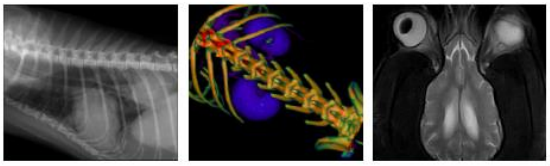

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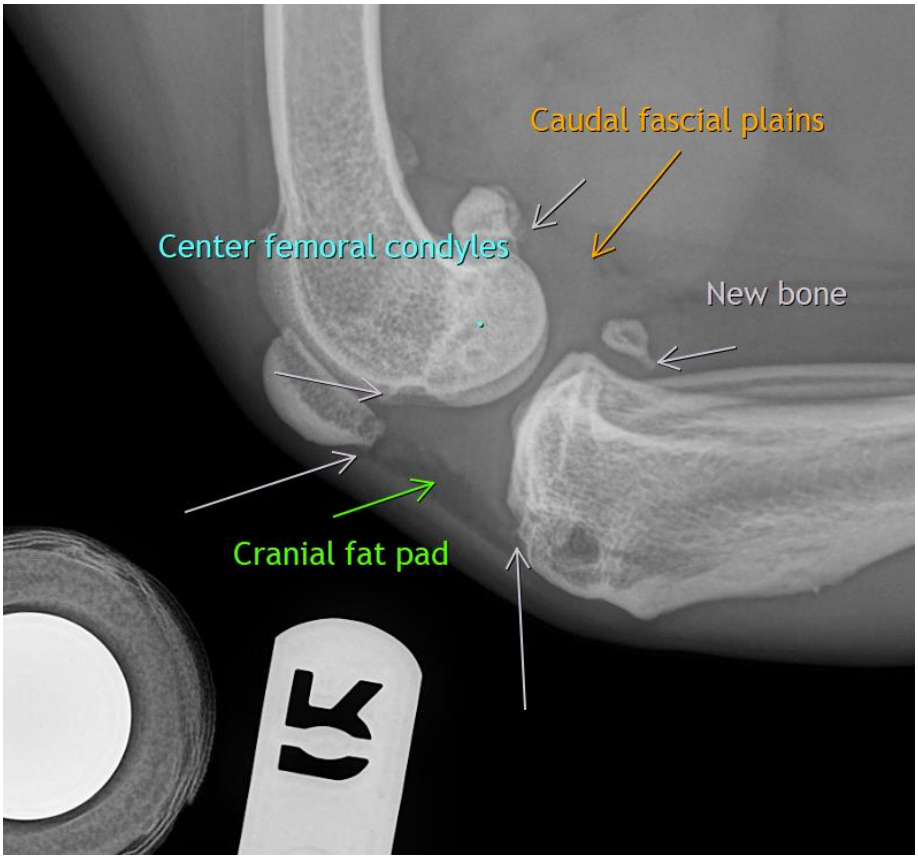

The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

Heike Rudorf, DVM, Dr. med. vet., DipECVDI, DVR
Dr.H.Rudorf@gmail.com