



PATIENT

Sammie Battaglia

SPECIES

Canine

BREED

Border Collie

SEX

Male Neutered

AGE

12 Years, 9 Months

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

HOSPITAL NAME

The Pet Hospital of
Stratford

REFERRING VET

Dr. Claudia Giuliani,
DVM

INVOICE

57450

DATE

3-27-23

PRESENTING CLINICAL SIGNS

P presented on Saturday for hind end lameness. P falling and slipping on hind end. P is on Dasuquin and Rimadyl as needed. PE showed P to be ataxic hind end, right and left hind decreased proprioception, especially on right. Mild proprioception loss on right and left front as well, swollen right medial hock.

Abnormal PE/Chem/CBC/UA Results: UA showed UTI (Marked Rods).

RADIOGRAPHIC FINDINGS

The patient's body condition score is excessive.

Thoracolumbar Spine

Mild spondylosis deformans is noted between T4 and T5 as well as between T5 and T6.

Moderate ventrally bridging spondylosis are present between T12/13, T13/L1, L1/2, L2/3. These are combined with vertebral endplate sclerosis and mild narrowing of the intervertebral disc spaces.

The lumbosacral junction presents within normal limits.

Pelvis

Severe osteoarthritic changes of the coxofemoral joints with circumferential femoral head and caudolateral curvilinear femoral neck osteophytes are seen.

There is a moderate amount of smooth new bone formation circumferential to the left acetabulum.

The joint spaces are diverging. There is subluxation of both femoral heads with the femoral head centers being lateral to the dorsal acetabular rim.

The muscle volume of both hind limbs is significantly reduced including the gluteal musculature.

Synovial osteochondromatosis of the left coxofemoral joint is seen.

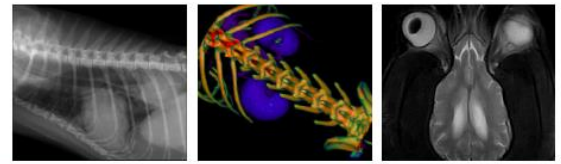
Stifles

The stifle joints present within age related normal limits. No evidence of articular swelling, periarticular osteophytes, or aggressive bone disease is seen in either of the stifle joints.

The patella tendon is thin and smoothly delineated against the infrapatellar fat body.

RADIOGRAPHIC DIAGNOSIS

- Severe bilateral canine hip dysplasia with severe bilateral coxofemoral joint osteoarthritis and disuse atrophy of the hind limb musculature.
- Synovial osteochondromatosis of the left coxofemoral joint.
- Spondyloses with radiographic signs of chronic intervertebral disc disease between T12/13, T13/L1, L1/2, and L2/3.



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- Mild spondylosis between T4/5 and T5/6.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The radiographic presentation of the stifle joints is within normal limits. Significant disuse atrophy of the bilateral hind limb musculature is seen which is likely to be a consequence of the canine hip dysplasia and severe coxofemoral joint osteoarthritis. The osteoarthritic changes are slightly more advanced in the left coxofemoral joint which also presents synovial osteochondromatosis, which is a common sequela of chronic active osteoarthritis.

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The significance of the spinal changes remains open. The chronic intervertebral disc disease between T12/13, T13/L1, L1/2, and L2/3 may be associated with disc hernia or represent uncomplicated degenerative disc disease.

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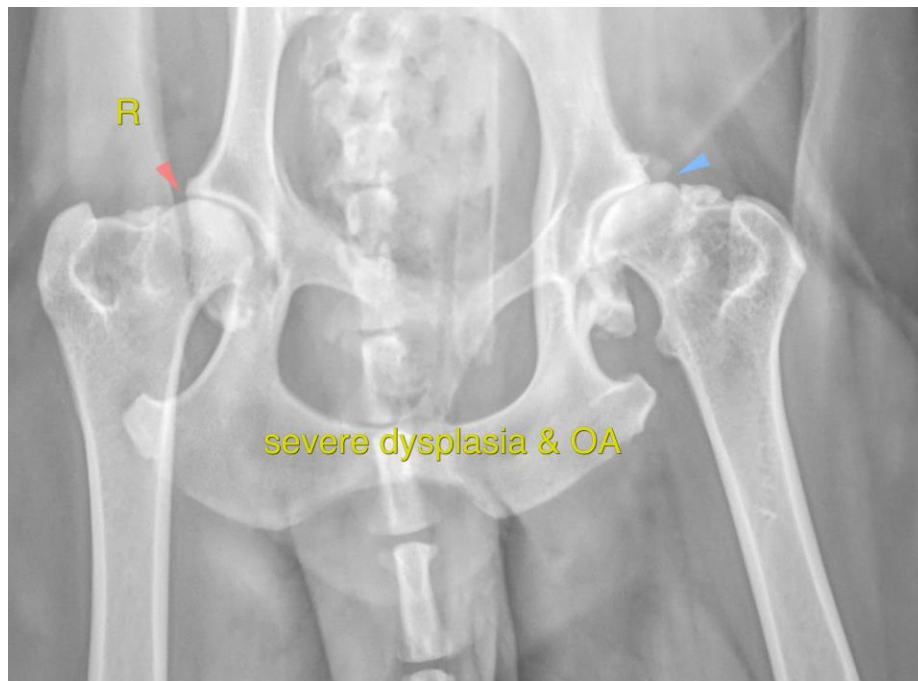
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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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