



PATIENT

Sawyer Smith

PRESENTING CLINICAL SIGNS

Progressive weakness of hind end, no obvious ataxia or neurologic abnormalities on exam, except hind is dropped. O reports recent lameness of left hind limb as well.
 Abnormal PE/Chem/CBC/UA Results: dropped hind, no other abnormalities. Neuro exam WNL. possible mild cranial drawer on left hind on sedated exam.

SPECIES

Canine

RADIOGRAPHIC STUDY OF THE STIFLES, PELVIS, & LUMBAR SPINE

Mediolateral views of both stifles, ventrodorsal views of the pelvis, and lateral view of the lumbar spine totaling 6 images available for review.

BREED

Shepard Mix

RADIOGRAPHIC FINDINGS

Left Stifle

SEX

No significant articular swelling is seen.

MN

There is smooth new bone formation on the dorsal contour of the patella and distal attachment of the patella tendon to the tibial tuberosity.

AGE

No significant osteoarthritic changes are seen.

10 Years, 8 Months

Right Stifle

INTERPRETED BY

No significant articular swelling is seen.

Nele Eley, DVM
 Dr. med. Vet. DipECVDI

There is smooth new bone formation on the dorsal contour of the patella and distal attachment of the patella tendon to the tibial tuberosity.

HOSPITAL NAME

No significant osteoarthritic changes are seen.

Rockaway Animal
 Hospital

A small cutaneous nodule is seen cranial to the distal tibia.

Pelvis

REFERRING VET

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

Dr. Kahn

Moderate periarticular bone remodeling of the acetabulum, femoral head, and femoral neck is seen in both hind limbs. No significant subluxation of the femoral heads is seen. Femoral head coverage appears to be adequate in both hind limbs.

INVOICE

The pelvic bones present symmetric.

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Lumbar Spine

DATE

An asymmetric lumbosacral transitional vertebra is seen with left sided detachment of the lateral sacral wing from the iliac bone resembling the shape of a transverse process of a lumbar vertebra and lack of fusion of the 1st spinous process of the sacrum.

7-11-22

Early spondylosis deformans between L3 and L4 is noted.



PATIENT There appears to be mild generalized osteopenia.

Sawyer Smith

RADIOGRAPHIC DIAGNOSIS

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Canine

- Lumbosacral transitional vertebra.
- Mild bilateral coxofemoral joint osteoarthritis.
- Muscle atrophy of both hind limbs.
- Enthesopathy of both patella tendons – unlikely to be of clinical significance.

BREED

Shepard Mix

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The underlying cause of the neurologic deficits of the hind limbs remains unclear and cannot be explained by the radiographic changes fully.

SEX

MN

A lumbosacral transitional vertebra may predispose to early development of cauda equina syndrome. Further workup, however, would require cross sectional imaging and ideally an MRI.

The mild degenerative changes of the coxofemoral joints may be age related or due to mild hip dysplasia. They do not, however, explain the clinical signs.

AGE

10 Years, 8 Months

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

HOSPITAL NAME

Rockaway Animal
Hospital

REFERRING VET

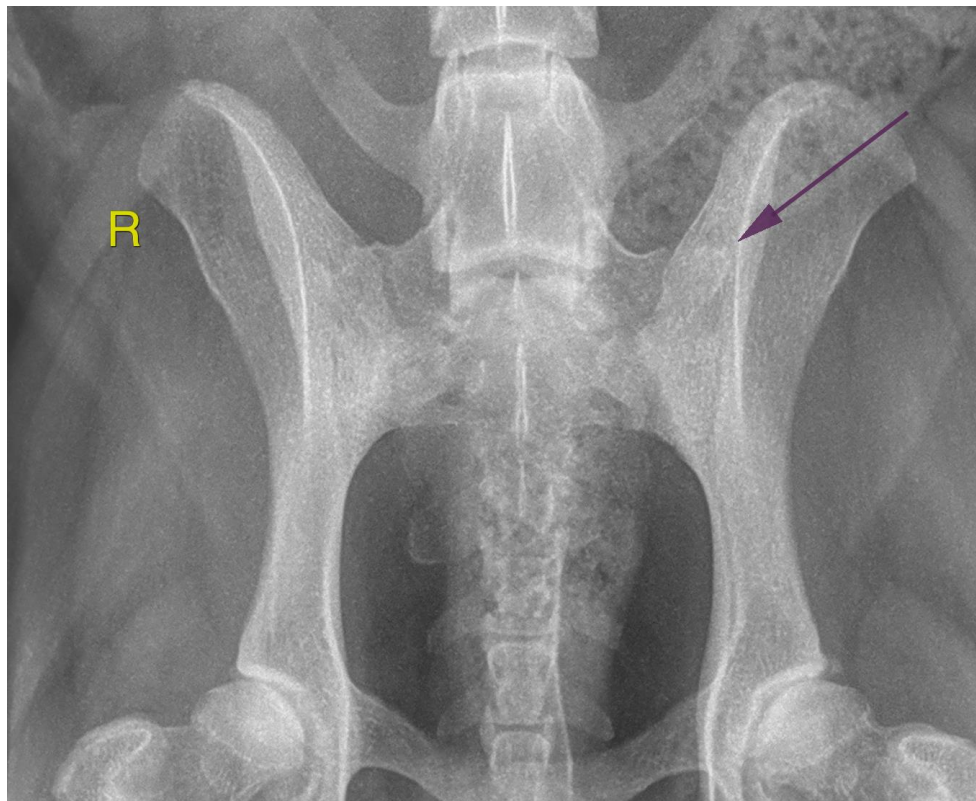
Dr. Kahn

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DATE

7-11-22





PATIENT

Sawyer Smith

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.

SPECIES

Canine

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BREED

Shepard Mix

SEX

MN

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