



PATIENT

Koda Kalic

SPECIES

Canine

BREED

Shepherd X

SEX

MN

AGE

5Y, 5M

WEIGHT

33.6kg

INTERPRETED BY

Tilde Rodrigues Froes,
DMV, MSc., Dr. Med
Vet., Dipl. CBraRVet

IMAGING PERFORMED BY

Janice

HOSPITAL NAME

Bridgwater Veterinary
Hospital and Wellness
Centre

REFERRING VET

Dr. Michelle Edwards

INVOICE

74897

DATE

5-4-26

PRESENTING CLINICAL SIGNS

- Previously diagnosed hip dysplasia.
 - Getting glucosamine/chondroitin and CBD oil
 - Painful with hip extension or abduction
 - Does not react to direct palpation of lumbar spine, but testing was limited due to hip manipulation pain.
 - Radiographs show bilateral marked hip osteoarthritis along with spondylosis deformans of lumbar spaces 1-2, 2-3, 5-6, 6-7, 7-S1
- Abnormal PE/Chem/CBC/UA Results: Decreased alkp

COMPUTED TOMOGRAPHIC STUDY OF THE LUMBAR & LUMBOSACRAL SPINE

A non-contrast CT study of the lumbar and lumbosacral spine was provided for review, comprising two transverse acquisitions using a bone algorithm extending from the level of T12.

COMPUTED TOMOGRAPHIC FINDINGS

LUMBAR & LUMBOSACRAL SPINE

The visible vertebral column alignment is preserved. A normal lumbar vertebral count is identified (L1 – L7, S1-3 and Cd vertebrae).

There are incomplete ventral spondylosis deformans at L1 – L2, L2 – L3, L6 – L7, L7 – S1, and S3 – Cd1.

Complete ventrolateral bridging spondylosis deformans is present at L5 – L6, on the right side.

At the level of L2 – L3, a tiny mineral attenuating extradural focus is present within the vertebral canal, without evidence of significant spinal cord compression. The remaining vertebral canal demonstrates normal attenuation.

The intervertebral disc spaces and articular facet joints are otherwise unremarkable.

The paraspinal soft tissues are symmetric and within normal limits.

There is discrete subchondral sclerosis and few subchondral microcystic changes involving the sacroiliac joints, more evident at the left side.

The coxofemoral joints are bilaterally subluxated, associated with marked periarticular new bone formation/remodeling, subchondral sclerosis and shallow acetabula. Few adjacent mineralized intra-articular or periarticular bodies (osteochondromas) are present on the right side.

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Multifocal lumbar and lumbosacral spondylosis deformans (L1 – L2, L2 – L3, L5-6, L6 – L7, L7 – S1, and S3 – Cd1), most pronounced at L5 – L6 with complete right-sided ventrolateral bridging.
- Tiny mineralized extradural focus at L2 – L3, likely representing minimal mineralized disc herniation, without spinal cord compression.
- Mild bilateral sacroiliac osteoarthritis.



PATIENT

Koda Kalic

SPECIES

Canine

BREED

Shepherd X

SEX

MN

AGE

5Y, 5M

WEIGHT

33.6kg

INTERPRETED BY

Tilde Rodrigues Froes,
DMV, MSc., Dr. Med
Vet., Dipl. CBraRVet

**IMAGING
PERFORMED BY**

Janice

HOSPITAL NAME

Bridgwater Veterinary
Hospital and Wellness
Centre

REFERRING VET

Dr. Michelle Edwards

INVOICE

74897

DATE

5-4-26

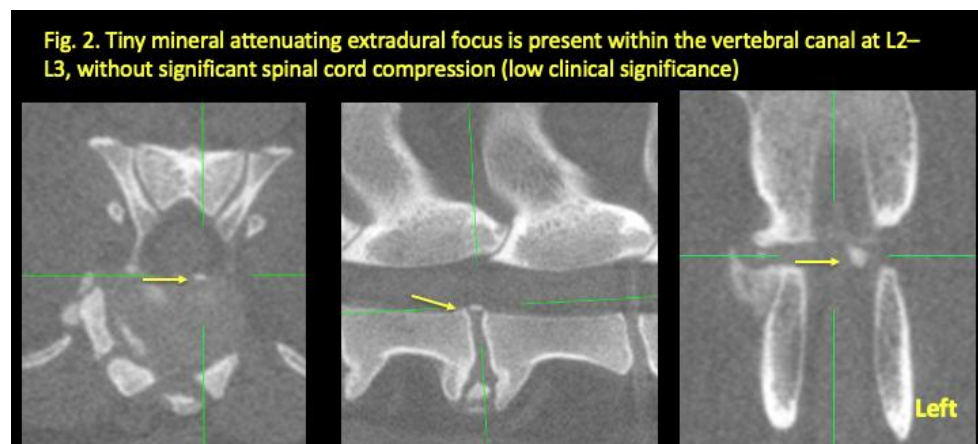
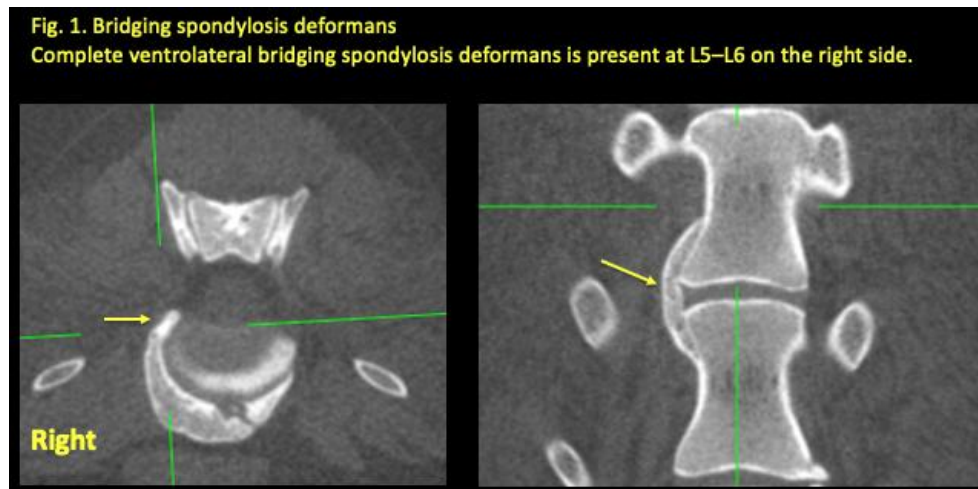
- Bilateral hip dysplasia with marked secondary coxofemoral osteoarthritis and right-sided periarticular/intra-articular mineralized osteochondral bodies.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The tomographic findings demonstrate multifocal lumbar spondylosis deformans without evidence of significant vertebral canal stenosis or spinal cord compression. A tiny mineralized extradural focus at L2-L3 is identified and is considered of low clinical significance at this time.

The predominant extraspinal finding is severe bilateral hip dysplasia with advanced secondary coxofemoral osteoarthritis, likely contributing to the reported pain during hip manipulation.

If neurological deficits or persistent lumbosacral pain are clinically suspected, MRI may be considered for further evaluation.





PATIENT

Koda Kalic

SPECIES

Canine

BREED

Shepherd X

SEX

MN

AGE

5Y, 5M

WEIGHT

33.6kg

INTERPRETED BY

Tilde Rodrigues Froes,
DMV, MSc., Dr. Med
Vet., Dipl. CBraRVet

IMAGING PERFORMED BY

Janice

HOSPITAL NAME

Bridgwater Veterinary
Hospital and Wellness
Centre

REFERRING VET

Dr. Michelle Edwards

INVOICE

74897

DATE

5-4-26

Fig. 3 Bilateral coxofemoral subluxation with marked periarticular remodeling and right-sided mineralized intra-/periarticular bodies.

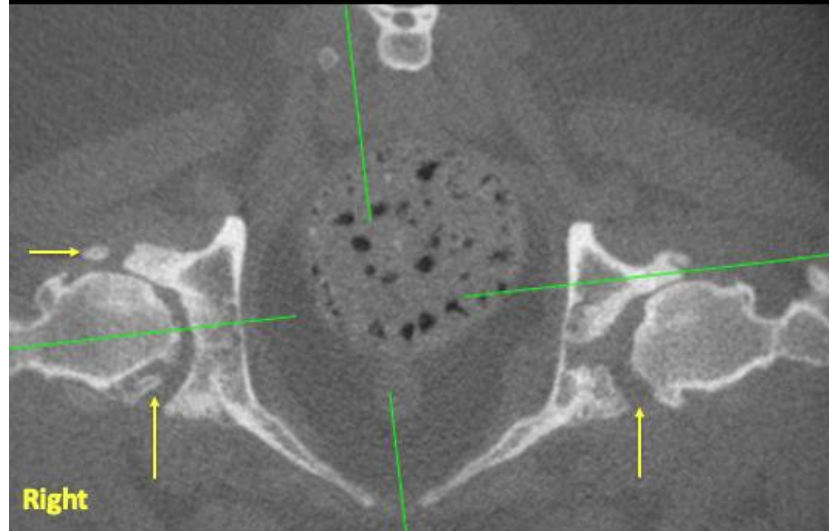
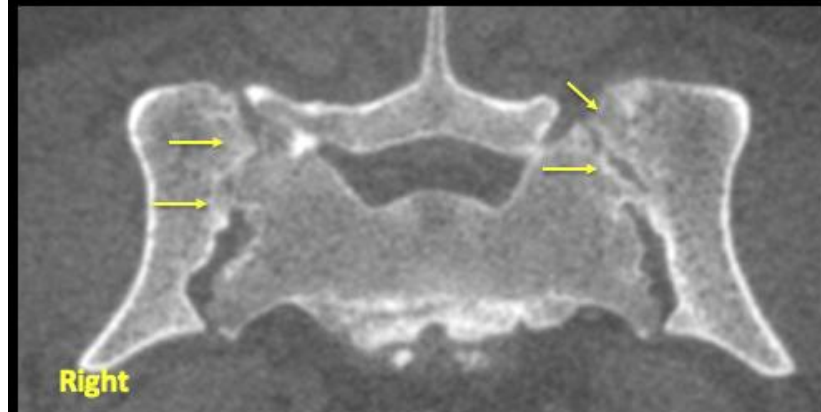


Fig. 4. Mild bilateral sacroiliac osteoarthritis with discrete subchondral sclerosis and microcystic changes (> left).



The information and recommendations provided are based on the images presented by the referring veterinarian. 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.

Tilde Rodrigues Froes, DMV, MSc., Dr. Med.Vet., Dipl.CBraRVet
info@sonopath.com