



PATIENT PRESENTING CLINICAL SIGNS

Marley Borgese Left sided advanced CHD Left stifle effusion: R/O sprain, strain, verse partial ACL tear Knuckling LHL: R/O true CP deficit verse weakness

SPECIES COMPUTED TOMOGRAPHY OF THE LUMBAR SPINE AND HIND LIMBS

Canine A high resolution pre- and post-contrast CT study of the lumbar spine and the hind limbs is provided for review.

COMPUTED TOMOGRAPHIC FINDINGS

BREED
Pitbull Mix The intervertebral disc space T10/T11 is collapsed and the respective vertebral endplates crescent shaped depressions of the subchondral bone and increased sclerosis. The vertebral endplates T10/T11 show mild spondylosis formation.

SEX
MN The subchondral bone of the caudal vertebral endplate L7presents multiple moth eaten lytic lesions in the right aspect. Solid new bone formation is seen at the lateral aspect of the right neuroforamen L7/S1.

Streak artefacts emanating from the rectum are limiting assessment of the proximal segment of the sciatic nerve.

AGE
7 Years Both coxofemoral joints present moderate to marked osteophyte new bone formation, L>>R. The acetabular groove bilaterally is shallow and the center of the femoral heads is lateral to the dorsal acetabular rim, L>>R.

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

The volume of the left thigh musculature is moderately decreased in comparison to the contralateral side.

The stifle joints bilaterally have smooth osseous margins and there is no evidence of intracapsular soft tissue swelling.

HOSPITAL NAME

Animal Surgical
Center

The tarsal joints bilaterally present without abnormalities of the osseous and surrounding soft tissue structures.

COMPUTED TOMOGRAPHIC DIAGNOSIS

REFERRING VET

Towne Line
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- Advanced degenerative osteoarthritis coxofemoral joints bilaterally, due to hip dysplasia
- Disuse atrophy musculature left hind limb
- Extraforaminal new bone formation right neuroforamen L7/S1 with potential impingement of the right spinal nerve L7
- Chronic discopathy T10/T11 & L7/S1 with remodeling of the respective vertebral endplates ± Schmorl's nodules

INVOICE INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

57349 The degenerative osteoarthritis of both coxofemoral joints, L>R, is considered as the clinically most relevant finding in the CT study and might be a source for pain. The stifle joints present without abnormalities.

DATE

3-21-23

The changes of the vertebral endplates T10/T11 and L7/S1 are very likely a sequela to chronic discopathy and sterile remodeling of the respective vertebral endplates, there is little chance for



PATIENT infectious discospondylitis. If not done so yet, recommend complete blood work to screen for inflammatory changes.

Marley Borgese

No additional relevant abnormalities are seen along the spine, however if there is strong clinical suspicion for compressive myelopathy consider complementing workup by myelographic CT study or MRI study of the spine.

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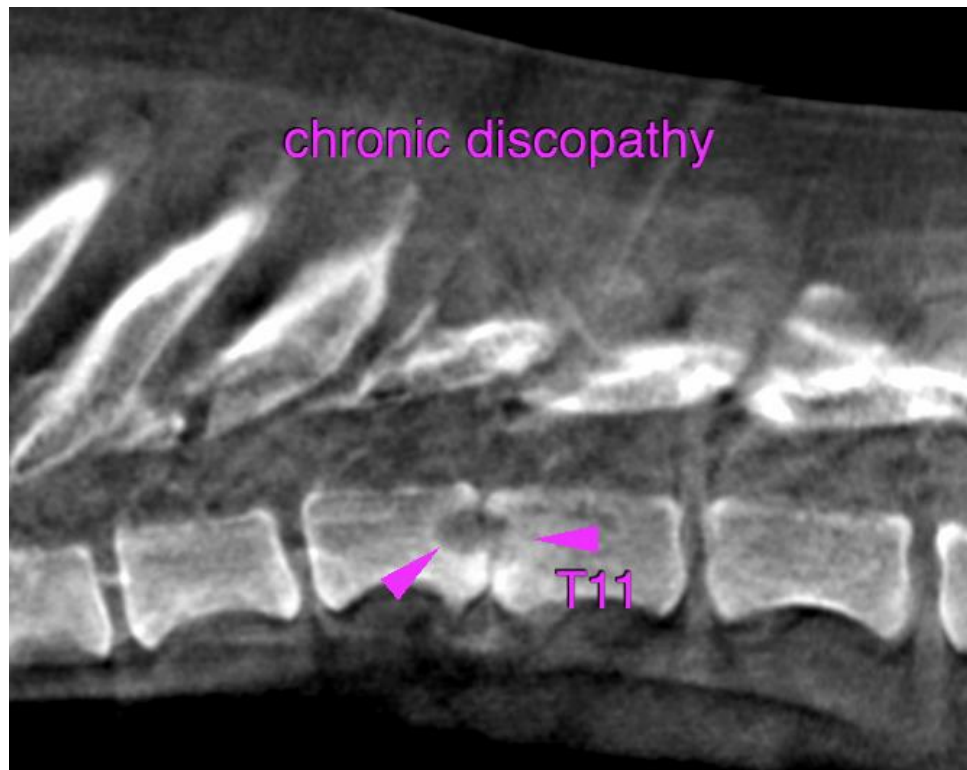
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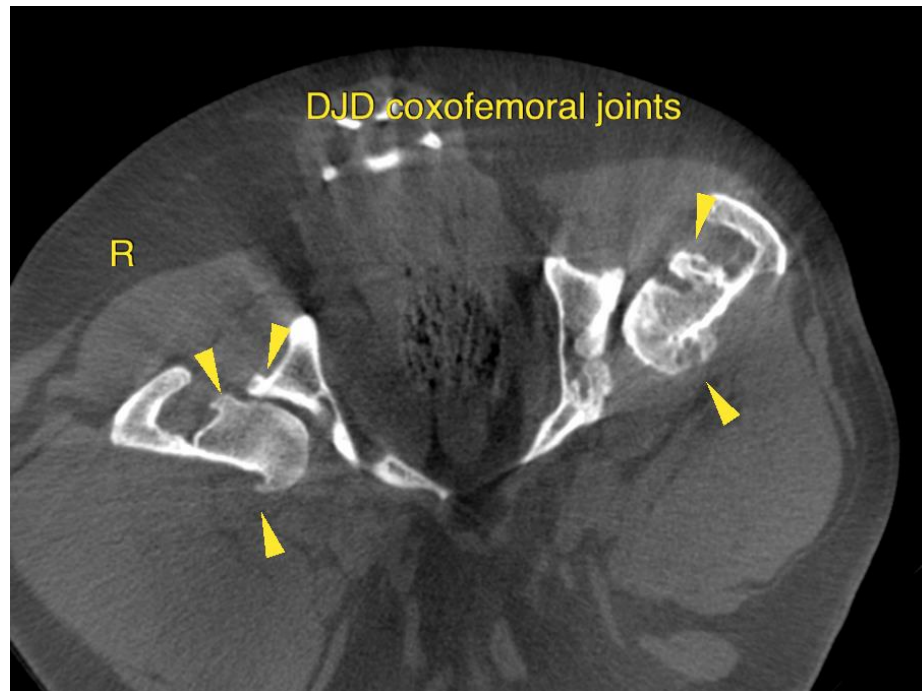
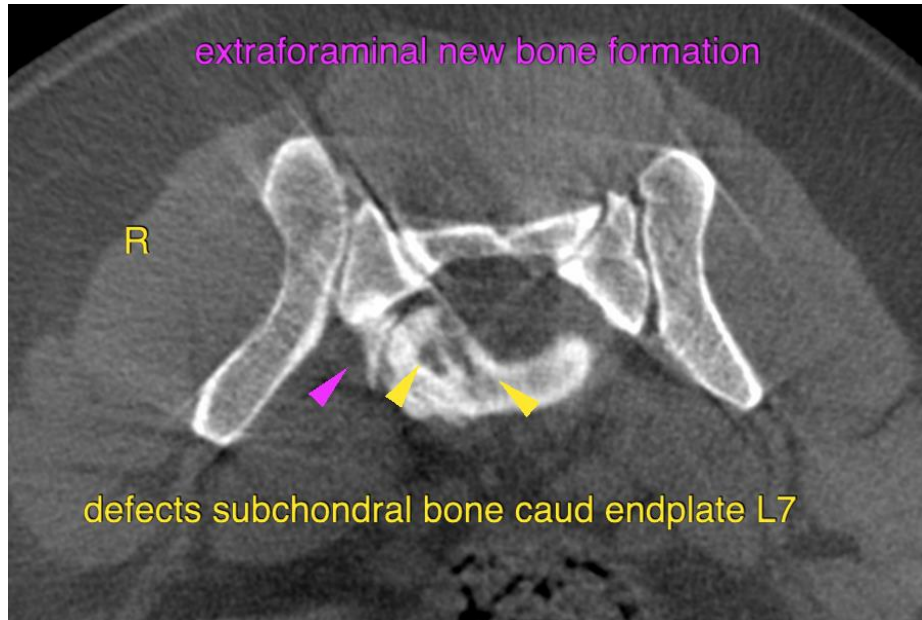
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PATIENT The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

Marley Borgese

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

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Sebastian Schaub, Sebastian Schaub, DVM, Dr. med. vet. DipECVDI
sebast.schaub@gmail.com

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