



PATIENT

Tex Moffatt

PRESENTING CLINICAL SIGNS

Atrophy cranial lumbar area, rigid on palpation. Previous CT scan showed changes of C2/3 endplates of early spondylosis ? Spinal spondylosis 6 months ago few episodes of tremors and acting a bit strange. Previous head CT in 2021 normal

SPECIES

Canine

COMPUTED TOMOGRAPHIC STUDY OF THE HEAD, CERVICAL, THORACIC, & LUMBAR SPINE

Plain and post contrast studies in soft tissue and bone windows available for review.

BREED

COMPUTED TOMOGRAPHIC FINDINGS

Rhodesian Ridgeback

Head

SEX

Male

The brain presents no deviation from normal anatomy and symmetry. The grey and white matter distinction and the neuroparenchymal attenuation are as expected. The distribution of contrast enhancement is within normal limits throughout the parenchyma and meninges. The ventricular system is non-dilated and within the limits of the expected volume and symmetry.

AGE

7 Years

Both temporomandibular joints present congruent joint spaces with even subchondral bone surfaces and are considered within normal limits.

Both tympanic bullae are aerated, the mucosal lining is not seen, the bony wall is smooth and thin. The external auditory meatuses present within normal limits.

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

The submandibular and medial retropharyngeal lymph nodes are small and elongated with a normal short-to-long-axis-ratio is < 0.5, the attenuation and contrast enhancement pattern is uniform.

HOSPITAL NAME

Adelaide Plains
Veterinary Surgery

The salivary glands present within normal limits.

Spine

Number, alignment, and general anatomy of the thoracic vertebrae present within normal limits.

Mild spondylosis deformans is noted between T8/9, T9/10.

Partial fusion of the dorsal spinous processes between T10/11 is noted.

Severe spondylosis deformans is present between T11 /12, T13/L1, L2/3, L3/4, L4/5, L5/6, L6/7.

INVOICE

57345

Moderate spondylosis is noted between L7 and S1.

Narrowing of the intervertebral disc spaces in the caudal lumbar spine is noted.

There is a moderate protrusion of the lumbosacral intervertebral disc.

DATE

3-20-23

The facet joints between L1 and L5 present mild degenerative spondyloarthropathy.

Number, alignment, and general anatomy of the cervical vertebrae present within normal limits.



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Moderate spondylosis deformans is present between C2 and C3.

Early spondylosis is present between C3 and C4.

SPECIES

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The prostate presents enlarged.

BREED

Rhodesian Ridgeback

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Normal CT findings of the brain.
- Multiple spondyloses of the cervical, thoracic, and lumbar spine as well as of the lumbosacral junction.
- Mild to moderate degenerative lumbosacral stenosis.
- Multiple lumbar spondylarthroses.

SEX

Male

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The CT study reveals moderate degenerative lumbosacral stenosis which appears to be associated with mild compression of the cauda equina nerve fibers. Multiple spondyloses are seen throughout the cervical, thoracic, and lumbar spine and accentuate the caudal lumbar spine specifically. Partial fusion of the vertebrae is noted here with no evidence of compressive myelopathy. The degree of intervertebral disc protrusion between T13/L1, L1/2, L2/3, L3/4 is minimal, but these minimal protrusions however may contribute to the clinical picture as well as the multiple spondyloses and spondylarthroses.

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REFERRING VET

Dr J Katakasi

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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.

SPECIES

Canine

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BREED

Rhodesian Ridgeback

SEX

Male

AGE

7 Years

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