



PATIENT PRESENTING CLINICAL SIGNS

Xena Temur Acute onset of difficulty walking in the back legs overnight. Patient has mild ataxia in the hind limbs with strong motor function, proprioception in the hind limbs within normal limits. Pain on lumbosacral palpation.

SPECIES Abnormal PE/Chem/CBC/UA Results: Blood work wnl

Canine **COMPUTED TOMOGRAPHIC STUDY OF THE THORACOLUMBAR SPINE**

Plain study in soft tissue and bone windows available for review.

BREED COMPUTED TOMOGRAPHIC FINDINGS

Husky The patient is obese.

SEX Moderate intervertebral disc protrusion and vertebral end plate new bone formations are seen at the lumbosacral junction. The new bone formation is ventral and lateral so that together with the intervertebral disc protrusion, mild bilateral neuroforaminal stenosis follows. The cauda equina nerve fibers are mildly deviated dorsally by the protruded intervertebral disc material within the ventral epidural space. A thin rim of epidural fat is maintained dorsally.

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AGE Moderate intervertebral disc protrusion with mild spondylosis deformans is noted at L4/5, L5/6, L6/7 respectively. No significant deviation or compression of the cauda equina or terminal filum of the spinal cord is seen associated with this serial protrusion.

11 Years

INTERPRETED BY Severe spondylosis deformans is present between L2 and L3 with mild intervertebral disc protrusion.

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Mild to moderate spondylosis deformans and mild intervertebral disc protrusions are also noted between T12/13 and T13/L1.

HOSPITAL NAME T4/5 and T5/6 present mild spondylosis deformans respectively.

Colyton Veterinary Hospital There is no evidence of aggressive bone lesions or discospondylitis.

COMPUTED TOMOGRAPHIC DIAGNOSIS

- REFERRING VET**
- Moderate degenerative lumbosacral stenosis.
 - Mild bilateral neuroforaminal stenosis at the lumbosacral junction.
 - Moderate chronic intervertebral disc protrusions L4/5, L5/6, L6/7.
 - Mild chronic intervertebral disc protrusions T12/13, T13/L1, and L2/3.
 - Multiple spondylosis deformans.

Dalton Nguyen

INVOICE INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

52088 The CT study reveals moderate degenerative lumbosacral stenosis. The stenosis is mainly localized to the vertebral canal and a consequence of the intervertebral disc protrusion.

DATE However, mild bilateral neuroforaminal stenosis as a consequence of the disc protrusion and new bone formation of the vertebral end plates is seen as well.

5-11-22 At this time, the L7 nerve roots are embedded in fat circumferentially and no significant nerve



PATIENT

root thickening is seen. However, the neuroforaminal stenosis carries the potential of causing L7 neuropathy.

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SPECIES

Canine

BREED

Husky

SEX

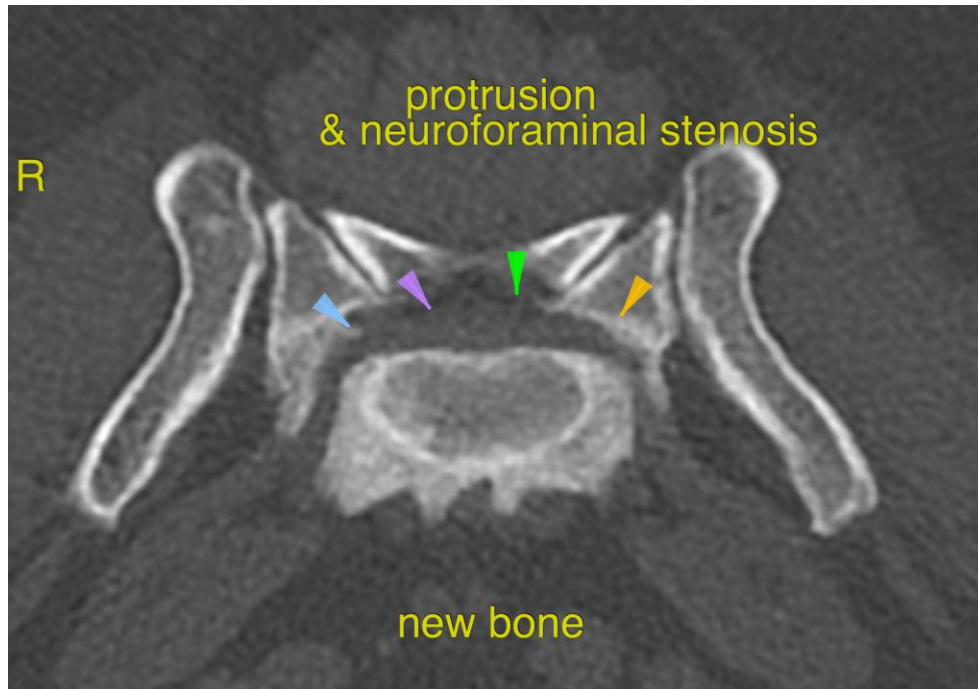
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AGE

11 Years

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HOSPITAL NAME

Colyton Veterinary
Hospital

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.

REFERRING VET

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INVOICE

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