



PATIENT PRESENTING CLINICAL SIGNS

Lola Sodi History of neck pain/discomfort. Previous CT in the past. Overweight.
Abnormal PE/Chem/CBC/UA Results: Ambulatory x 4

SPECIES COMPUTED TOMOGRAPHIC STUDY OF THE SKULL AND ENTIRE SPINE

Canine A high resolution pre- and post-contrast CT study of the skull and the entire spine are provided for review.

BREED COMPUTED TOMOGRAPHIC FINDINGS

Chihuahua **Skull**

SEX Multiple teeth are absent. The tooth elements 108, 208, 209 present a significant widening of the periodontal space

Spayed Female The nasal cavity presents the expected aerated spaces between thin & even conchae and turbinates with smooth mucosal lining.

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

10 Years Both tympanic bullae are aerated, the mucosal lining is not seen, the bony wall is smooth and thin. The external ear canals are within normal limits.

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

The brain presents no deviation from normal anatomy and symmetry. The brain parenchyma is homogeneous and within normal limits for attenuation and distribution of contrast enhancement. The ventricular system is non-dilated and symmetric.

HOSPITAL NAME

Mobile Pet Imaging

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.

Spine

REFERRING VET

Dr. Meaux

Level with the intervertebral disc spaces C2/C3, C3/C4, C5/C6 disc material is protruding into the vertebral canal occupying approximately up to 20% of the cross-sectional area of the vertebral canal at the same level.

INVOICE

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The osseous and soft tissue structures of the thoracic spine present without abnormalities.
Level with the intervertebral disc T13/L1 to L4/L5, disc material is protruding into the vertebral canal, occupying approximately up to 15% of the cross-sectional area of the vertebral canal at the same level and mildly distorting the dural tube at the same level.

DATE

3/24/23



PATIENT The lumbosacral intervertebral disc is protruding into the vertebral canal, occupying approximately 25% of the cross-sectional area of the vertebral canal at the same level.

Lola Sodi

Mineralization and dilation of multiple pulmonary arteries is appreciated.

SPECIES COMPUTED TOMOGRAPHIC DIAGNOSIS

Canine

- Intervertebral disc protrusion C2/C3, C3/C4, C5/C6 and T13/L1 to L4/L5 with potential dynamic myelocompression
- Degenerative lumbosacral stenosis with possible dynamic compression of the cauda equina fibers

BREED

Chihuahua

- Advanced periodontal disease 108, 208 and 209
- Multiple absent teeth
- History of mineralization & dilation of multiple pulmonary arteries

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

SEX

Spayed Female

Multiple intervertebral discs along the cervical spine and lumbar spine are bulging into the vertebral canal. All protruding intervertebral discs can contribute to the clinical signs. Conservative management is considered as the therapy of choice. If neurological deficits develop, recommend reevaluating the patient ± myelographic CT study.

AGE

10 Years

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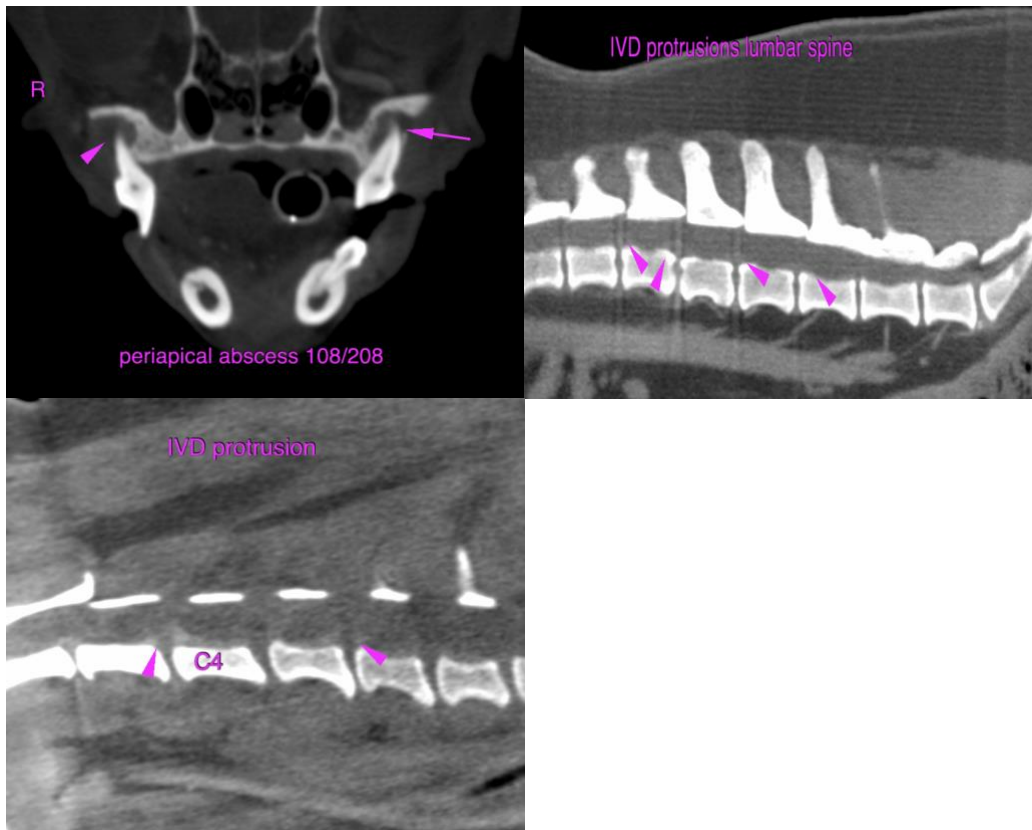
Dr. Meaux

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PATIENT

Lola Sodi

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.

SPECIES

Canine

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.

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

BREED

Chihuahua

SEX

Spayed Female

AGE

10 Years

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