



PATIENT PRESENTING CLINICAL SIGNS

Ruby Evans 6mnt history gagging/retching 3 day history - weak in hind legs - ataxic - stumbling/falling neurology examination of normal mentation hyperalert short gait fore, wide ataxic hind head tilt to the right facial sensation reduced right menace normal gag reduced hemi-walking falling to the right
SPECIES Abnormal PE/Chem/CBC/UA Results: cbc/chem w/ t4 results pending

Canine **COMPUTED TOMOGRAPHY OF THE SKULL AND THORACIC & LUMBAR SPINE**

A pre- and post-contrast CT study of the skull and thoracic & lumbar spine in a bone and soft tissue reconstruction is provided for review.

BREED COMPUTED TOMOGRAPHIC FINDINGS

Kelpie Skull

The pictured parts of the dentition are complete and unremarkable in all jaw quadrants.

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

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

10 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 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.
 Sebastian Schaub, 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 Spine

Advanced Veterinary Imaging The vertebral endplates T12/T13 and T13/L1 as well as the endplates of the lumbosacral junction present mild spondylosis formation.

REFERRING VET The lumbosacral intervertebral disc is bulging into the vertebral canal, occupying approximately 40% of the cross-sectional area of the vertebral canal at the same level.

Eamon Both kidneys have irregular margins with multiple concave depressions of the renal surface and a corresponding post contrast wedge shaped hypoattenuating parenchymal region.

INVOICE COMPUTED TOMOGRAPHIC DIAGNOSIS

- 59380
- Degenerative lumbosacral stenosis with possible dynamic compression of the cauda equina fibers
 - Chronic renal infarction
 - Spondylosis deformans
 - Structural normal brain

DATE

7-16-23



PATIENT INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Ruby Evans The CT study reveals no macromorphological abnormality, explaining the presenting neurological deficits. The CT study is negative for relevant compressive myelopathy or intracranial lesions. A potential might be an ischemic central nervous insult. If not yet done so the workup should be complemented by examination of CSF and complete bloodwork to screen for brain disease that is not necessarily associated with structural changes of the brain parenchyma and rule out hepatoencephalopathy and other systemic illness. In case of the strong clinical suspicion of structural intraparenchymal changes an MRI may be considered.

BREED

Kelpie

SEX

Female

AGE

10

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

HOSPITAL NAME

Advanced Veterinary
Imaging

REFERRING VET

Eamon

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.

INVOICE

59380

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.

DATE

7-16-23

Sebastian Schaub, Sebastian Schaub, DVM, Dr. med. vet. DipECVDI
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