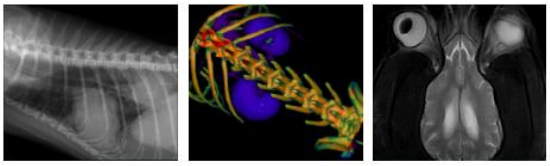
SonoPath Teleradiology

EDUCATIONAL TELECONSULTATION SERVICES™



SonoPath.com
1-800-838-4268 info@sonopath.com

PATIENT

Mia Rose

SPECIES

Canine

BREED

German Shepherd Dog

SEX

FS

AGE

3 Years

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

HOSPITAL NAME

Southern Oregon Veterinary Specialty Center

REFERRING VET

Ravi Seshadri

INVOICE

51711

DATE

4-23-22

PRESENTING CLINICAL SIGNS

Mia presented for non specific signs. She is still eating well and drinking but seems to be having a difficult time rising and ambulating. Her Owners feel that she may have abnormal balance / circling. Her PE was unremarkable. In hospital lab parameters were WNL.
Abnormal PE/Chem/CBC/UA Results: Chem: AMYL- 404U/L CBC: MCV- 60.8fL, RETIC- 9.3K/µL, LYM- 0.89K/µL, EOS- 0.05K/µL, MPV-13.4fL

COMPUTED TOMOGRAPHY OF THE SKULL

A high resolution pre- and post-contrast CT study of the neurocranium is provided for review.

COMPUTED TOMOGRAPHIC FINDINGS

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

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 ear canals are within normal limits.

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.

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.

Moderate mineralization of the intervertebral disc C2/C3 is seen.

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Chondroid disc degeneration C2/C3 without evidence of protrusion
- Normal neurocranium
- No evidence of otitis media/interna

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The CT study presents without abnormalities. 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.

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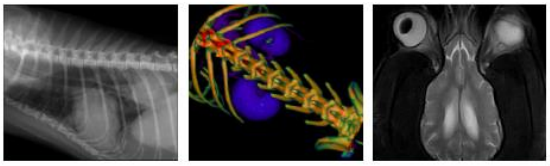

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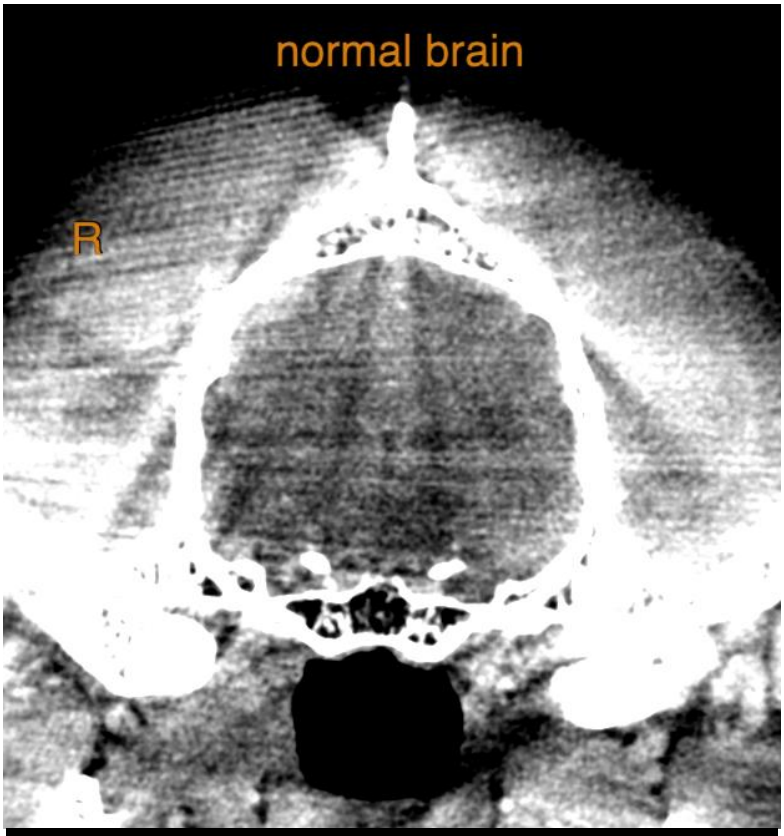

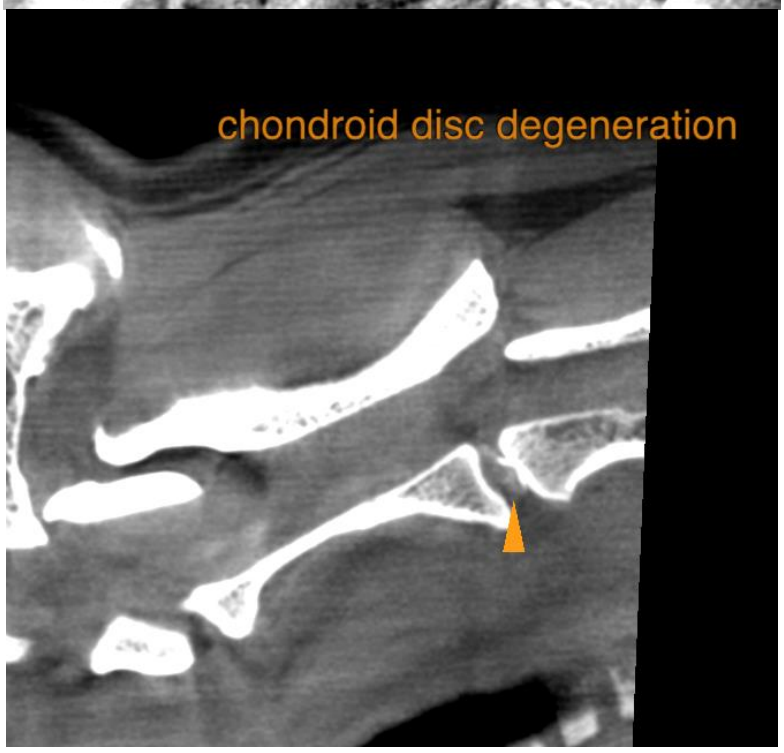

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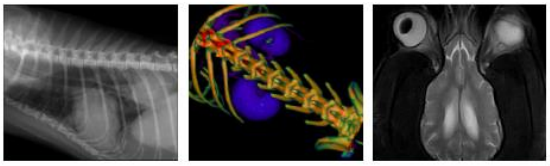

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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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