

VetRad

Nykamp Veterinary Professional Corporation
Stephanie Nykamp, DVM, MSc, Dipl. ACVR

Patient

Name: KBPRIDE INSPIRED BY CARTIER TS52031301
CARTER
Owner: 981020047300553
ID: 981020047300553
Species: Canine
Breed: Cavalier King Charles spaniel
Gender: Male
Age: 1 years
Date of Birth: 2/3/2021

Cavalier King Charles Spaniel COMS Evaluation

Study Date: 4/16/2022

Clinical Information:

Assessment for caudal occipital malformation and syringohydromyelia.

Exam:

Brain and cervical spine, sagittal and transverse plane T2 images.

Findings:

Chiari-like malformation present:	Moderate
Syringomyelia:	Grade 0
Syringomyelia location/size(mm):	NA
Atlanto-occipital overlap grading:	Grade 0
Dorsal compressive AA band grading:	Grade 0
Medullary elevation/kinking:	Present
Ventricular dilation:	Mild
Cerimunous Otitis:	None



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Grading Scheme

Syringomyelia

- Grade 0 - none
- Grade 1 - central canal dilation less than 2 mm
- Grade 2 - central canal dilation greater than 2 mm or separate syrinx

Atlanto-occipital overlap:

- Grade 0 - absent
- Grade 1 - present

Dorsal compressive AA band:

- Grade 0 - normal
- Grade 1 - subarchnoid space reduced
- Grade 2 - subarchnoid space eliminated, questionable spinal cord compression
- Grade 3 - spinal cord compression

J Vet Intern Med 2015;29:887-892

Ventricular dilation (ventricle height to brain height = VB ratio)

- Normal - VB ratio less than 15%
- Mild - VB ratio 15-20%
- Moderate - VB ratio 21-25%
- Severe - VB ratio greater than 25%

Vet Radiol Ultrasound 2003;44:687-694