



Veterinary Health Center

900 E. Campus Dr.
Columbia, Mo 65211

Web: vhc.missouri.edu

Small Animal: 573-882-7821
Wentzville: 636-332-5041

Equine: 573-882-3513
Food Animal: 573-882-6857

Client 4100924 - Gayle Reardon 1250 W. Flurie Rd. North Sioux City, SD 57049 605-359-5321 Tom gtrdds@aol.com	Patient: 8715621 - Fergie Canine Cavalier King Charles 6.3 kg Jun 26, 2020	DVM
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Admission	5/19/21 2:38 PM	Reason for	Chiari screening
Request	2313949		

Result 05/19/2021

Client Discharge Instructions

Attending DVM Joan Coates - Faculty

Discharge Instructions

HISTORY:

Fergie is a 1 year old, female Cavalier King Charles Spaniel who presented to the MU Neurology Service on 5/19/21 for an MRI to screen for caudal occipital malformation syndrome (Chiari-like malformation). She has no health concerns at this time and is up to date on vaccinations.

PHYSICAL EXAMINATION:

Weight: 6.3 kg Temperature: 99.2°F Pulse: 140 beats/min. Respirations: Sniff
On presentation, Fergie was bright, alert, and responsive. Eyes, ears, and nose were all clear and free of debris. On oral exam, there was no significant dental calculus or gingivitis appreciated. Mucous membranes were pink and moist with a CRT of <2 seconds. Cardiothoracic auscultation revealed normal bronchovesicular sounds in all lung fields with no apparent murmurs, arrhythmias, crackles, or wheezes. Strong and synchronous femoral pulses were palpated. Abdominal palpation was soft, non-painful, with no masses or organomegaly appreciated. An umbilical hernia is located on the abdomen. Peripheral lymph nodes were normal in size, symmetry and character. No obvious lameness was appreciated. Fergie is at an ideal body condition of 4/9.

DIAGNOSTICS:

- PCV 6.8 g/dL
TP 48%
- Limited brain MRI: Fergie was anesthetized and had a screening sagittal and transverse brain MRI of the caudal brain and cervical spine to the 7th cervical vertebrae. Findings: Crowding of the caudal fossa, flattening of the cerebellum, and mild to moderate ventriculomegaly, consistent with mild Chiari-like malformation (caudal occipital malformation syndrome), atlantoaxial dural band resulting in minimal dorsal spinal cord compression.

ASSESSMENT:

Fergie's MRI indicates a caudal occipital malformation syndrome (COMS) of the skull, also known as Chiari-like malformation. This has resulted in flattening of the cerebellum. Furthermore, this malformation can result in altered cerebrospinal fluid flow to cause signs of pain associated with syringomyelia. At this time, there is no evidence of syrinx formation, but it is possible future development of syrinx may happen which may cause pain. Please continue to monitor Fergie at home for any abnormal behavior or neurologic changes.

FOLLOW-UP:

No follow-up needed unless Fergie begins having any abnormal behavior or exhibits neurologic changes.

Thank you again for bringing Fergie to the University of Missouri and entrusting us with her care. If you have any questions or concerns please do not hesitate to contact us at 573-882-7821.

Status: COMPLETE

Requesting DVM: