

Supplementary Table 1. Classification of symptoms of CMI

CSF obstruction	Compression of brainstem, cerebellum, or cranial nerves	Spinal cord dysfunction (syringomyelia)
Valsalva- or strain-induced occipital/upper cervical pain/headache; hydrocephalus	Swallowing difficulty/choking/aspiration, dysphagia; Hoarseness/dysarthria; Absent gag reflex; Central sleep apnea/snoring; Downbeat nystagmus; Truncal ataxia; Tinnitus; Vertigo/dizziness; Autonomic symptoms (syncope, drop attacks, sinus bradycardia); Trigeminal/glossopharyngeal neuralgia; Trigeminal sensory loss; Tongue weakness/deviation; Palatal weakness;	Upper motor neuron signs; Lower motor neuron signs; Pain and temperature sensory loss; Spasticity; Scoliosis (primarily thoracic levoscoliosis); Motor weakness

CMI, Chiari malformation type I; CSF, cerebrospinal fluid.