



Supplementary Fig. 1. Measurements of craniocervical junction (CVJ) and posterior cranial fossa (PCF): basal angle (BA), the angle of the tentorium cerebelli to the Twining line (TTA), clivo-axial angle (CAA), clivus gradient (Cl-Gr), Ventral subarachnoid space (VSAS) and dorsal subarachnoid space (DSAS) at foramen magnum (FM), and tonsillar herniation (TH) on median sagittal magnetic resonance imaging. (A) Schematic diagram of the mechanism demonstration in our speculation about the relationship among the syrinx, cerebrospinal fluid (CSF) circulation, imaging factors of CVJ, PCF, and cervical spine. (B) The wider subarachnoid space at FM and the loss of cervical lordosis may both help to ensure the CSF circulation.