

Poor cognitive-motor integration (thinking and moving together), or CMI task performance is associated with a decline in white matter (deep brain tissue) integrity. Increased task complexity relies upon this white matter integrity for successful performance more than simple motor tasks.

Reference: Hurtubise JM, Gorbet DJ, **Hynes LM**, Macpherson AK, Sergio LE. White Matter Integrity and Its Relationship to Cognitive-Motor Integration in Females with and without Post-Concussion Syndrome [published online ahead of print, 2020 Mar 18]. J Neurotrauma. 2020;10.1089/neu.2019.6765. doi:10.1089/neu.2019.6765

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