

I am interested in executive functions in ADHD patients. Recent studies indicated that ADHD has impairments or smaller pre-frontal lobe, which is the brain area regulating executive functions (EF). EF is an essential function that is associated with academic success and career achievement. EF training ADHD patients may be a treatment option aside from medications.

In 2020, FDA approved the first prescription video game EndeavorRx for ADHD children ages 8-12. Game-based training may be attracting some pediatric ADHD patients. However, there is no systematic review on its efficacy for ADHD. Our research aims to identify the effectiveness of EF game-based training on ADHD children and adolescents.

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