

### **Supplementary material**

The supplementary material was provided by the authors and some information may not have been peer reviewed. Any opinions or recommendations discussed are solely those of the author(s) and are not endorsed by the Hong Kong Academy of Medicine and the Hong Kong Medical Association. The Hong Kong Academy of Medicine and the Hong Kong Medical Association disclaim all liability and responsibility arising from any reliance placed on the content.

Supplement to: YT Cheung, DFY Chan, CK Lee, et al. Impact of iron deficiency on attention among school-aged adolescents in Hong Kong. Hong Kong Med J 2025 Apr;31(2):139-47 | Epub 9 Apr 2025. <https://doi.org/10.12809/hkmj2310950>.

**Supplementary Table 1. Grading of attention outcomes**

<b>Descriptions</b>		<b>Composite measure of</b>
Sustained attention	Respondent's ability to maintain attention as the administration progresses	<ul style="list-style-type: none"><li>• CPT Hit Reaction Time Block Change</li></ul>
Inattentiveness	Respondent's inability to focus attention or concentrate	<ul style="list-style-type: none"><li>• CPT Detectability</li><li>• CPT Omissions</li><li>• CPT Commissions</li><li>• CPT Hit Reaction Time</li><li>• CPT Hit Reaction Time Standard Deviation</li><li>• CPT Variability</li></ul>
Impulsivity	Respondent's degree of inhibitory control and rapid discrimination among visuospatial stimuli	<ul style="list-style-type: none"><li>• CPT Hit Reaction Time</li><li>• CPT Commissions</li><li>• CPT Perseverations</li></ul>

Abbreviation: CPT = Continuous Performance Test

**Supplementary Table 2. Guidelines for scoring each continuous performance test measure\***

<b><i>T</i>-score</b>	<b>Interpretation</b>
<55	Average
55-59	Mildly impaired
60-69	Moderately impaired
≥70	Severely impaired

\* Except hit reaction time of continuous performance test

**Supplementary Table 3. Guidelines for scoring each continuous performance test hit reaction time**

<b><i>T</i>-score</b>	<b>Interpretation</b>
<40	Atypically fast
41-59	Average
≥60	Atypically slow