WISC Profile of ADHD Children Aged between 6-12 Years

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Abstract. Cognitive strength and weakness in ADHD children are considered necessary to be identified because ADHD mainly affects cognitive function. The objective of this research is to determine the cognitive ability of ADHD children using WISC profile analysis. Sixty ADHD children were compared based on their scaled score of 12 WISC subtests. All subjects were ADHD children between the age of 6 - 12 years old in Yogyakarta and Sleman. Data were analyzed using t-test and Mann - Whitney U. This study shows that most ADHD children scored lower than the WISC standard score, particularly in vocabulary, digit span, arithmetic, comprehension, and picture completion subtest. This result means that they have difficulties completing tasks that require high working memory ability. There is a profile difference between ADHD children ages 6 - 8 years and 9 - 12 years, in which ADHD children ages 6 - 8 years showed difficulties completing verbal tasks while ADHD children ages 9 - 12 years showed a lower score on tasks related to social skill and problem-solving. No profile differences were shown between ADHD boys and girls.

Keywords: ADHD, cognitive ability, WISC profile