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Correlation among Neuropsychological tests and Questionnaires in Attention Deficit Hyperactivity Disorder

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Abstract:

Background: Current study aimed to assess the possibility of prediction of continuous performance test in primary school children with attention deficit hyperactivity disorder, with parents and teacher reports of inattention, hyperactivity and oppositional behavior. Methods: Fifteen school aged children with Attention Deficit Hyperactivity Disorder without co-morbid psychiatric disorders were selected from Roozbeh child and adolescent psychiatry clinic. Teachers and parent Conner's questionnaires, Continuous Performance Test and 4 class dictation scores were registered from each subject. Results: Commission errors were correlated with hyperactivity scale in the parent report ($r=-0.50$, $p<0.05$), and with ADHD score ($r=-0.49$, $p<0.05$). Omission error was correlated with inattention ($r=0.66$, $p<0.05$) and ADHD score ($r=0.51$, $p<0.05$) on teachers report. Reaction time was correlated with oppositional ($r=0.51$, $p<0.05$) subscale in parents Conner's questionnaire. Dictation scores were correlated with inattention on parents report ($r=-0.52$, $p<0.05$) and omission on Continuous Performance Test ($r=-0.79$, $p<0.05$). Conclusion: Current study reported a significant correlation between neuropsychological tests and questionnaires, in ADHD

Keywords:

[Attention Deficit Hyperactivity Disorder](#) . [ADHD](#) . [Continuous performance test](#) . [Conners scale](#) . [Commission](#) . [Omission](#)

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