



Cognitive deficits in children and adolescents with Attention Deficit/Hyperactivity Disorder, combined type and inattentive type

- Mehdi **Tehrani-Doost**, 1-Tehran University of Medical Sciences, department of psychiatry; 2-Institute for Cognitive Science Studies, Iran
- Reza **Rad Goodarzi**, Institute for Cognitive Science Studies, Iran
- Ghazaleh **Zargarinejad**, Institute for Cognitive Science Studies, Iran
- Mitra **Sepasi**, Tehran University of Medical Sciences, Iran
- Javad **Alaghband Rad**, 1-Tehran University of Medical Sciences, department of psychiatry; 2-Institute for Cognitive Science Studies, Iran

Objective: To compare some executive functions in children and adolescents with attention-deficit/hyperactivity disorder (ADHD) combined type and inattentive type to normal group.

Method: Participants were 20 boys aged 7 to 16 years diagnosed with ADHD, combined type and 22 boys with ADHD, inattentive type and 19 normal children at the same age. They were examined using a computerized version of Tower of London Test (Morris 1993), Continuous Performance Test (CPT), Stroop Color Test, and Raven Progressive Matrices.

Results: On Tower of London both ADHD groups had significantly poor performance (P

Conclusion: It was found that children with combined and inattentive types of ADHD have poor planning. Children with combined type of ADHD had difficulty in inhibition which was not a problem in children with inattentive type of ADHD.

Keywords: ADHD, inattentive, executive functions

<http://www.iacapap2006.com/abstract/160.htm>