

CHECKMATE TO ADHD: A PROSPECTIVE, OPEN LABEL STUDY

H. Blasco-Fontecilla^{1,2}, *M. González*¹, *R. García-López*¹, *B. Poza*¹, *J. Otero*¹, *L. Blasco-de la Cruz*³

¹Department of Psychiatry, MHC Villalba, Puerta de Hierro Hospital, ²CIBERSAM, ³Club 64 Villalba, Madrid, Spain

Objective: The objective of the present study was to examine the short-term effectiveness of a 11-week chess training course for children with ADHD. This is a naturalistic, descriptive clinical intervention study.

Methods: Sample and procedure: Parents of 44 children between 6 and 17 of age with a primary diagnosis of ADHD consented to take part into the present study. Parents completed the Spanish version of the Swanson, Nolan and Pelham Scale for parents (SNAP-IV) and the the Abbreviated Conners Rating Scales for parents (CPRS-HI) prior to 11-week chess training course. Statistical Analyses: We used a paired t test statistic to compare pre- to post- intervention outcomes, and Cohen-d calculations to measure the magnitude of the effect. Statistical significance was set at $p < 0.05$.

Results: After 11 weeks of these pilot programme, more than 80% of children showed improvement in the severity of ADHD. T-test revealed that children with ADHD improved in both the SNAP-IV ($t=6.23$; $d.f.=41$; $p < 0.001$) and the CPRS-HI (5.39 ; $d.f.=33$; $p < 0.001$). Our results suggest a large effect in decreasing the severity of ADHD as measured by the SNAP-IV ($d=0.96$) and the CPRS-HI ($d=0.92$).