

Abstract

Objective: To examine the role of autistic traits on IQ profile in children with ADHD. **Method:** Local Chinese boys (aged 6-12) with ADHD ($n = 104$) and normal control ($n = 73$) were enrolled. Completed questionnaires on Autism Spectrum Quotient (AQ-10) and WISC-IV HK (short form) would be collected. Data would be statistically analyzed using MANOVA and univariate ANOVAs aiming to examine the group differences among the constructs of interest. **Results:** ADHD children had significant lower estimated FSIQ scores and nearly all IQ subtests (except Digit Span Backward) than normal control. However, there was no group difference among ADHD children with or without clinical level of autistic traits on different IQ subtests. **Conclusion:** The result suggested that all ADHD participants in the current study had significant impairments in general cognitive abilities when compared to normal control. Also, clinical level of autistic traits in ADHD children with normal intelligence did not influence the clinical phenotype of ADHD nor did it suggest a cognitively more impaired phenotype.
