

عنوان البحث:

دراسة تفصيلية لنهج ايرس للتكامل الحسي على طفلة من ذوي اضطراب التوحد تواجه صعوبات منبعها  
المشاكل الحسية

رابط البحث /

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## Case Report: ASI intervention on a child with autism in Saudi Arabia

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### Abstract

**Background:** Ayres Sensory Integration (ASI) is widely employed by occupational therapists working with clients who experience challenges in sensory integration, including those with autism spectrum disorder (ASD). However, there is a dearth of research examining the feasibility of ASI outside of Western nations. This study documented the barriers associated with ASI in Saudi Arabia and assessed whether the intervention could improve process and participation skills. **Methods:** Single-Subject experimental design was used. The participant was a 4-year-old girl with ASD from Saudi Arabia. Data were gathered on sensory processing, motor skills, and participation in activities of daily living. The study used semi-structured interviews and assessments (Sensory Integration and Praxis Tests, the Sensory Processing Measure-Preschool, and the Peabody Developmental Motor Scale-2) to develop goals, identify outcome measures, and plan an ASI intervention. **Results:** Despite the limited availability of resources (e.g., toys, treatment spaces) and Arabic measures, improvements were observed on motor and sensory tasks and in occupational performance. **Conclusion:** ASI that adheres to the ASI fidelity tool can be of value for Saudi Arabian children with ASD. Additionally, the study provides a stepping-stone to further research for occupational therapists in Saudi Arabia working with children with ASD.

**Keywords:** Autism; Saudi Arabia; occupational therapy; sensory integration.

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