

# Self-inserted foreign body and attention-deficit/hyperactivity disorder: Evaluated by the Conners' Parent Rating Scales-Revised.

Ozcan K, Ozcan O, Muluk NB, Cingi C, Durukan K.

Malatya State Hospital, ENT Department, Malatya, Turkey.

Int J Pediatr Otorhinolaryngol. 2013 Oct 1. doi:pii: S0165-5876(13)00467-9. 10.1016/j.ijporl.2013.09.020. [Epub ahead of print]

## Abstract

### OBJECTIVES:

We aimed to evaluate the relationship between attention-deficit/hyperactivity disorder (ADHD) and self-inserted foreign bodies (SIFBs) in children by the Conners' Parent Rating Scales-Revised (CPRS-R).

### METHODS:

Forty-five children (31 males and 14 females) with self-inserted foreign body of ear/nose and 37 healthy children (22 males and 15 females) included into the study. They were all between 3 and 9 years old. The parents filled the socio-demographic information form including age, gender, demographic data, previous medical history of the child and features of the family; and completed the Conners' Parent Rating Scales-Revised (CPRS-R) questionnaire.

### RESULTS:

In the SIFB group (study), 55.6% of the children were not attending to the school, 31.1% of them were attending to the primary school and 13.3% of them were the pre-school student. These rates were 37.8%, 32.4% and 29.7%, respectively, in the control group. The all CPRS-R subscale values (CG/I, H, ADHD-I, CGI-DI, DSMIV SS-I, DSM-IV SS-HI and DSM-IV SS-T) were significantly higher in the study group than the control group. There was no significant correlation between gender of the children and CPRS-R subscales.

Children with lower school success, and having previous psychiatric problems were related to higher CPRS-R values in all subscales. In older children, hyperactivity scores were lower; and in younger children and the children, not going to the school, hyperactivity scores were higher. CPRS-R scores decreased as the child grown.

#### CONCLUSION:

It was concluded that children with ADHD were more likely to have conditions that might damage himself/herself such as self-inserted foreign body or trauma than normal children. To avoid this condition, these families should closely observe the child; and the child should be provided to participate in activities such as group games and activities that contribute to the development of the child. Warning the children properly and close follow-up of the young children are required to prevent this unwanted condition.