

## PERFORMANCE AT SCHOOL IN 22Q11.2 DELETION SYNDROME

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**OBJECTIVE:** The 22q11.2 deletion syndrome is characterized by a set of signs and symptoms related to abnormality on the soft palate, heart diseases and facial characteristics. There is great variability of phenotypic features which make difficult the clinical diagnosis. Deficit of attention, phonological working memory, math, and difficulty in reading and writing have been reported and interfere on school performance. The aim of this study was to obtain information about complaints regarding school performance in individuals with 22q11.2 deletion syndrome. **METHOD AND RESULTS:** Retrospective study analyzed the records of patients registered in a public institution for a period of 22 years to verify reports of school difficulties of the patient or his parents. Were analyzed 180 charts of patients registered during 1990 and 2012, selecting cases with a minimum age of 7 years, with deletion confirmed by molecular test and containing information about the educational aspect. The sample consisted 19 cases, 52% of them male and 48% female, aged between 7 and 37 years (median: 8 years). There are complaints about school problems such as difficulty in learning and attend special class in 84% of the cases and there was no association between sex and school problems ( $p=0.58204$ ). **CONCLUSION:** In the sample analyzed complaints concerning school performance difficulties was found, that justify actions to prepare teachers of kindergarten and elementary school to dealing this child on school process, given that the phenotypic features aren't so visible making school an important ally in search of early diagnosis.

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