

Abstract

Psychopedagogic intervention according to Piagetian Theory in girls with Turner Syndrome and performance improvement revealed by Bender Test: starting point to a present contribution of a guide with practical activities for cognitive stimulation of Turner girls, teenagers and women.

Turner syndrome (TS) carriers seem to present cognitive compensation of profile of reduction in visuospatial skills during development. Thus, a psychopedagogical intervention was performed in order to optimize this mechanism.

Three pairs of age matched 45, X girls were evaluated at two moments (pre and posttest) for the Bender test (BT) and specific Piaget's tasks or scales (PS). The experimental intervention through the environmental solicitation process was applied for one year to each pair girl with learning disabilities.

Experimental subjects (ES) revealed more ability to planning and organizing their graphic expression in the posttest, as well as presented a decrease in number of brain lesion indicators on their BT performance. ES also showed performance improvement in half of PS.

Data suggest that the present intervention instruments may have contributed to the performance increment of the experimental TS girls.

The above study was a starting point to a guide with practical activities for cognitive stimulation of Turner girls, teenagers and women.