

Öröklött és környezeti tényezők hatása a Down kórosok testalkatára

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Abstract: Secular trend seems to be non-existent in Down's syndrome. This means that the usual environmental effects have no influence on this group. If this statement is true, all of these effects like the early intervention programs would be ineffective, which is in contrast with the everyday experience of special teachers. The aim of this paper is to study this contradiction. Discriminant analysis of body measurement and physique was conducted at two groups of adults with Down's syndrome living in extremely different environments, and significant differences have been found. This evidence supports the teacher's experience: if the environmental influences are intensive and lengthy enough they are able to enhance the psychophysical development of children with Down's syndrome.

Keywords: Down's syndrome, environmental effects, psychophysical development