

## Diagnóstico Neuropsicológico y Terapia del Trastorno de Lectura-Escritura (Dislexia del Desarrollo) [

Grupo de Neurociencias de Antioquia, 2011

text (article)

Analítica

For many years now, a rising number of publications have been concerned with the phenomenon of developmental dyslexia (DD), its diagnosis, its possible causes and various approaches to treatment. Among the reports more and more imaging studies are found, in the last years also including fMRI investigations with children. The present article reviews the present state of affairs. It shows that the neuro-scientific data have not produced completely new revelations about DD. Rather they have strengthened ideas and findings, which for many years have been discussed in neuropsychological as well as speech and language research. Thus, it was confirmed that DD is a complex disorder with a multi-factorial genesis, taking on many different forms, with a predominance of phonological difficulties. Furthermore, it is now clear, that DD is not a consequence of developmental slowing, nor a variant of the normal developmental course, but an aberrant development. Also, the existence of a polygenetic family predisposition has been substantiated. With regard to treatment it is concluded, that there is no cure for DD, however there are interventions, which are effective, especially if they are undertaken as early as possible, in reducing the reading difficulties. The prognosis is much less optimistic for children beginning treatment for DD beyond the fourth year of school

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electronic resource]

Editorial: Grupo de Neurociencias de Antioquia 2011

Tipo Audiovisual: Dislexia lectura terapia aprendizaje diagnóstico Dyslexia reading therapy learning diagnosis

Documento fuente: Revista Neuropsicología, Neuropsiquiatría y Neurociencias, ISSN 0124-1265, Vol. 11, Nº. 1,

2011, pags. 95-122

Nota general: application/pdf

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Lengua: Spanish

**Enlace a fuente de información:** Revista Neuropsicología, Neuropsiquiatría y Neurociencias, ISSN 0124-1265, Vol. 11, N°. 1, 2011, pags. 95-122

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