

Auditory brainstem response in attention deficit hyperactivity disorders in children

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Auditory brainstem response (ABR) was performed on 30 children with attention deficit hyperactivity disorder (ADHD) and 20 control subjects. The aim of this work was to verify if there were any abnormalities in auditory evoked electric activity in the brainstem in ADHD patients. No statistically significant differences were found between the study and control groups regarding absolute latencies of waves I, III and V as well as brainstem transmission time I-III, III-V and I-V. It was concluded that disturbances in ADHD occurred at a brain level higher than the brainstem level.