

# **GINKGO BILOBA IN THE ALTERNATIVE MEDICINE OF THE ATTENTION DEFICIT HYPERACTIVITY DISORDER TREATMENT**

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**Introduction.** The attention deficit disorder with hyperactivity (ADHD) is one of the most common neuropsychiatric disorders. In many countries (United States, Czech Republic, Slovakia, Great Britain) it is recorded in 2-18% or more of schoolchildren. The information has been received about 7-28% of prevalence of ADHD among schoolchildren. A large percentage of children have a dislocation of the cervical spine, which may lead to cerebrovascular accident and as a consequence ADHD. Therefore, the search for drugs that improve cerebral blood circulation and can be used for children with ADHD is an actual question.

**Aim.** The purpose of this article is to give an overview and determine the role of Ginkgo biloba in ADHD treatment.

**Materials and methods.** The analysis of literature and Internet sources, scientific journals and articles.

**Results and discussion.** For the treatment of ADHD is used alternative medicine. The medicines based on Ginkgo biloba have a special role in alternative medicine for ADHD treatment. The study by Eugenia Chan of Ginkgo biloba has been carried out to determine the effectiveness of it in Boston Children's Hospital. The use of extract of Ginkgo biloba three times a day at a dose of 80-120 mg for six weeks in children with ADHD reduced the symptoms of hyperactivity. The effectiveness has been increased in a dose of 240-360 mg. The effectiveness of Ginkgo biloba in a dose of 80 mg is equal to the effective dose of 30 mg of methylphenidate (Ritalinum).

**Conclusions.** According to the results Ginkgo biloba has a positive effect of the attention deficit disorder with hyperactivity in children, but its effectiveness is less than methylphenidate (Ritalinum).