

## عنوان مقاله:

Cognitive Effectiveness of Auditory and Visual Memory on Improving Cognitive Flexibility in Children with Attention-Deficit/Hyperactivity Disorder

## محل انتشار:

فصلنامه آموزش بهداشت و ارتقا سلامت, دوره 8, شماره 3 (سال: 1399)

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## خلاصه مقاله:

**Aims:** This study was done to investigate the Effectiveness cognitive effect of visual and auditory memory on improving cognitive flexibility of children with Attention Deficit / Hyperactivity Disorder. **Participants & Methods:** This study was a quasi-experimental one which was done by pretest-posttest with control group. The statistical population of this study was all students with Attention Deficit / Hyperactivity Disorder in Kermanshah in the academic year of ۲۰۱۸-۲۰۱۹. The sample consisted of ۳۴ people who were selected by randomized sampling and replaced in two equal groups of experimental (۱۷ subjects) and control group (۱۷ subjects). The research tools were: SWAN Qquestionnaire and Stroop Color-word Test. Data was analyzed using mean and standard deviation of Levine test and homogeneity of slope from regression and covariance analysis for study the research hypotheses. **Findings:** The results of this study showed that cognitive effect of visual and auditory memory could improve the cognitive flexibility with effect size ۰.۴۵ in children with Attention Deficit / Hyperactivity Disorder at the significant level ( $P < ۰.۰۱$ ) **Conclusion:** It can be concluded that cognitive of visual and auditory memory training may enhance certain skills in ADHD children, but .more research is required to generalize the positive effects of these programs to the other clinical features of ADHD

## کلمات کلیدی:

Cognitive Effect, Photographic Memory, Auditory Memory, Attention-Deficit/Hyperactivity Disorder

## لینک ثابت مقاله در پایگاه سیویلیکا:

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