

## عنوان مقاله:

The Effect of Modified Alpha-Theta Neurofeedback Protocol on Instant Craving in Opioid Users

## محل انتشار:

مجله علمی پژوهشی دانشگاه علوم پزشکی زنجان، دوره 25، شماره 109 (سال: 1396)

تعداد صفحات اصل مقاله: 10

## نویسندگان:

زهره حیدری - Dept. of Clinical Psychology, Faculty of Medicine, Zanjan University of Medical Sciences, Zanjan, Iran

فرهاد طارمیان - Dept. of Clinical Psychology, Faculty of Medicine, Zanjan University of Medical Sciences, Zanjan, Iran

جواد خلعتبری - Dept. of Psychology, Islamic Azad University, Tonekabon Branch, Tonekabon, Iran

## خلاصه مقاله:

**Background and Objective:** Currently multifactorial etiology of addiction have caused concurrent use of different methods in treatment process. The aim of this study was to evaluate the efficacy of modified alpha-theta protocol on drug craving among male Opioid addicts. **Materials and Methods:** By using a pretest-posttest method, ۲۰ opiate dependent patients who were referred to methadone treatment centers, were randomly assigned to an experimental or control group after completing a "Desire for Drug Questionnaire". The experimental group received ۲۰ sessions of neurofeedback therapy during their methadone treatment. The Control group received only methadone medication. Finally, the participants in both groups completed "the Desire for Drug Questionnaire" for the second time. Data was analyzed using the mean of differences method. **Results:** The results showed that in comparison to control group, modified alpha-theta protocol is more effective in decreasing the intensity of craving ( $d=1.8$ ,  $P<0.0001$ ). **Conclusion:** Neurofeedback therapy in tandem with medication is more effective than only using medication for reducing opioid craving.

## کلمات کلیدی:

Keywords: Neurofeedback, Opioid Dependency, Craving, Methadone Treatment, Alpha-Theta Protocol

## لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/1191757>

