

عنوان مقاله:

The Effect of Piracetam in Aphasia due to Acute Brain Ischemic Stroke: Clinical trial

محل انتشار:

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نویسندگان:

A Hamzei-Moghaddam - Professor of Neurology, Afzalipour School of Medicine & Neurology Research Center,
Kerman University of Medical Sciences, Kerman, Iran

M.A Shafa - Assistant Professor of Neurology, Afzalipour School of Medicine, Kerman University of Medical Sciences,
Kerman, Iran

M Nazari - Resident of Neurology, Afzalipour School of Medicine, Kerman University of Medical Sciences, Kerman,
Iran

M Akbari - Master of Speechtherapy, Students' Research Committee, Kerman University of Medical Sciences,
Kerman, Iran

خلاصه مقاله:

Background & Aims: Stroke incidence is ۱۵ million people world wide annually and one third of these patients suffer from aphasia. Aphasia is often associated with significant disability in patients. Costs due to cerebrovascular diseases play an important role in national health expenditures. We aimed to assess the effect of piracetam in treatment of aphasia. Methods: Patients with acute ischemic stroke after completing informed consent form were divided randomly into two groups. The intervention group recieved standard treatment and ۴۸۰۰ mg piracetam daily for ۱۲ weeks and the control group received standard treatment plus placebo. All patients on admission, and one, two, and three months post-stroke were evaluated using Nilipour Farsi aphasia test. Results: A total of ۴۰ patients with stroke and mean age of ۶۰.۱ ± ۱۷.۲ years were assessed. Among them, the Broca aphasia had the most frequency and global and Wernicke aphasia had the least. The aphasia test showed significant difference between the intervention and control groups at the first and second months of follow-up; but the difference was not significant at the third month. Conclusion: Totally, piracetam does not affect the rate of recovery from aphasia, despite increasing patients' early recovery

کلمات کلیدی:

Aphasia, Piracetam, Stroke

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