

Fifth paper

Titel: Effect of prophylactic treatment on Visual evoked potentials (P100) in migraineurs.

By

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Abstract

Background: Migraine is a common neurovascular disorder. Visual evoked potential changes, between migraineurs and normal subjects, were often conflicting..

Objective: Compare VEP (P100) in patients with migraine with and without aura to normal subjects, and the effect of prophylactic treatment.

Methods: Visual evoked potential was recorded in 32 patients with migraine and 15 healthy control subjects.

Results: P 100 amplitude was significantly higher and its latency was significantly longer in patients with migraine compared to control subjects, this difference disappeared in patients with regular prophylactic treatment.

Conclusion: Cortical excitability changes may be related to the pathophysiology of migraine and the efficacy of prophylactic treatment.

Key words: Visual evoked potential, P100, migraine.

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