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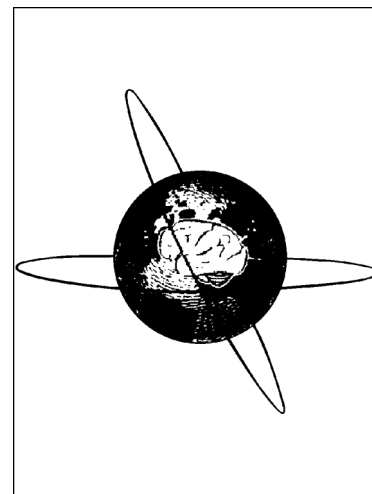
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## Expression of praxis induction on cortical excitability in juvenile myoclonic epilepsy

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### Highlights

- Giant SEPs were found in dominant hemisphere of JME-WI (16.7%) and bilaterally in parietal cortex of JME-PI (50%) group.
- Praxis induction is a determinant of enhanced sensory cortical excitability in JME patients.
- Enhanced excitability of somatosensory cortex in JME-PI patients may be related to their less favorable response to treatment.

### ABSTRACT

Objective: To evaluate the effects of praxis induction on sensorimotor cortical and transcallosal excitability in juvenile myoclonic epilepsy (JME).

Methods: Thirty-six subjects (18-62 years) were included. JME group was screened by video-electroencephalography neuropsychological protocol and divided as JME without praxis induction [JME-WI (n=12)], JME with praxis-

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