EFFECT OF ALLODYNIA ON FINE MOTOR FUNCTION IN MIGRAINEURS

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BACKGROUND RESEARCH

➤ Migraines — neurovascular disorder

➤ Recurrent, one-sided throbbing pain.

➤ Last 4 - 72 hours.

➤ With/without typical aura symptoms.

➤ Allodynia — the experience of pain from a non-painful stimulation.
WHAT


➤ Lead to distributions of allodynia, photophobia, phonophobia.

➤ Berstein et al. (2000) — Change in pain thresholds associated with tactile allodynia.
PROPOSAL

➤ Prevalence of allodynia in migraineurs and its effect on fine motor function.

➤ In the context of the Central Sensitization Theory.

➤ Differences between interictal period task performance and migraine period task performance.

➤ Pain threshold differences.
WHY

➤ Migraines can last from 4 to 72 hours.
➤ Affects 19% of women and 11% of men worldwide.
➤ Allodynia is typical of a migraine attack.
➤ Lack of causal understanding.
➤ Better understanding of symptoms and brain mechanisms involved — improved treatment methods.


