Eletroencephalographic study of individuals with chronic pain during fibromyalgia

Madruga, M.L.L.H1; Melo, G.A2; Martins, M.L3; Aranha, R.E.L.B4; Marinho, J.S5; Alves, N.T6

1Estudante de Fisioterapia – UFPB; 2,3,4Mestranda em Neurociência Cognitiva e Comportamento – UFPB, 5Estudante de Engenharia de Produção – UFPB, 6Docente/Pesquisador do Departamento de Psicologia – UFPB.

ABSTRACT

Introduction: Fibromyalgia is a syndrome that is mainly featured by the chronic pain presence and its phisiopathology is unknown. In the EEG records it is observed a hypersensitivity from the involved areas at the pain process, which can be a resource capable to clarify its phisiopathology. Objective: It was performed a search at Pubmed, Lilacs e Scielo databases with the keywords: Electroencephalogram, electroencephalography and fibromyalgia. The exclusion criteria were the electroencephalogram use for evaluation of other clinical condition beyond fibromyalgia and repeated articles at the databases. Results: After the application of the eligibility criteria, 23 articles were found. Conclusion: The electrical cortical activity analysis using the electroencephalogram records is set like a promising method of evaluation and identification of a fibromyalgia biomarker.

Keywords: Chronic Pain; Electroencephalography; Fibromyalgia

*Correspondence to Author:
Madruga, M.L.L.H
Estudante de Fisioterapia – UFPB

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