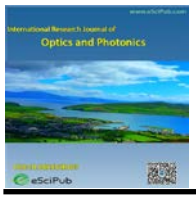
Review Article **IRJOP (2018) 1:4**



International Research Journal of Optics and Photonics
(DOI:10.28933/IRJOP)

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 phisiophatology is unknown. In the EEG records it is observed a hipersensibility from the envolved areas at the pain process, which can be a resource capable to clarify its phisiophatology. Objective: It was performed a search at Pubmed, Lilacs e Scielo databases with the keywords: Electroencephalogram, electroencephalography and fibromyalgia. The exclusion criterias were the electroencephalogram use for avaliation of other clinic condition beyond fibromyalgia and repeated articles at the databases. Results: After the aplication of the eligibility criterias were found 23 articles. Conclusion: The electrical cortical activity analysis using the electroencephalogram records is set like a promising method of avaliation and identification of a fibromyalgia biomarker.

Keywords: Chronic Pain; Electroencephalography; Fibromyalgia

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

How to cite this article:
Madruga, M.L.L.H; Melo, G.A; Martins, M.L; Aranha, R.E.L.B; Marinho, J.S; Alves, N.T. Eletroencephalographic study of individuals with chronic pain during fibromyalgia. International Research Journal of Optics and Photonics, 2018, 1:4

eSciPub LLC, Houston, TX USA.
Website: http://escipub.com/