

عنوان مقاله:

(Epilepsy and Associated Factors in Elderly People of Amirkola, North of Iran)(The Amirkola Health and Ageing Project

محل انتشار:

هشتمین کنگره علوم اعصاب و پایه و بالینی (سال: 1398)

تعداد صفحات اصل مقاله: 1

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خلاصه مقاله:

Background and Aim : Epilepsy is a common neurological condition with severe personal, familial and societal impact. Little is known about the associated factor with epilepsy in the elderly in North of Iran. Therefore, the goal of this study was to determine the prevalence of epilepsy and associated factors in Amirkola elderly patients. **Methods :** This cross-sectional study, is a part of a comprehensive and cohort research of Amirkola Health and Ageing Project . The Mini Mental State Examination (MMSE) used for Cognitive impairment, Geriatric Depression Scale (GDS) for psychiatric diseases and Physical Activity Scale for Elderly (PASE) questioner for physical activity. All data were analyzed using chi-square test and logistic regression in SPSS v23 software. **Results :** The prevalence of epilepsy was 35 from 1482 participants (24/1000). The significant association between Parkinson's Disease (OR=6.25, 95%CI=1.35-28.4, $p=0.001$), falls (OR= 3.81, 95%CI=1.62-8.97, $p=0.001$), depression ($p=0.001$), hyperphosphatemia ($p=0.039$) and hypokalaemia ($p=0.031$) concluded with epilepsy. Past history of stroke (6 % versus 2%, OR= 2.8, 95%CI, 0.97-8.27, $p=0.07$).and increased serum level of triglyceride (OR= 1.96, 95%CI= 0.99-3.88, $p=0.06$) and low density lipoprotein (LDL) ($p=0.45$) were seen in epileptic client in compare to not epileptics clients. **Conclusion :** Parkinson s Disease, frequency of fall and depression were the associated factor in epileptic patients and correlation of past history of stroke, increased serum level of triglyceride and LDL with epilepsy were seen. Associated factors required to screening, diagnosis and treatment

کلمات کلیدی:

elderly, epilepsy, Parkinson disease, Iran

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