



Aplicaciones móviles en el abordaje terapéutico del ictus: Revisión en repositorios comerciales y búsqueda de evidencia [

2019

text (article)

Analítica

Background: Stroke is the leading cause of physical disability in the adult population. Technology at the service of medicine provides new solutions for the assessment, treatment, and monitoring of subjects with neurological disorders. Therefore, the aim of this study was to review the use of commercial mobile applications in the therapeutic approach of subjects who have suffered a stroke, as well as to analyze if there is scientific evidence on their use. **Methods:** A search of specific apps for the therapeutic approach to stroke, as well as its possible clinical after-effects, in the main applications repositories was made: "Google Play" and "App Store". Besides, the possible scientific evidence for each app obtained was analyzed using the following databases: Web of Science, Pubmed, ScienceDirect, Scopus and Google Scholar. **Results:** A total of 45 apps were obtained meeting the criteria established in the study. These were subdivided into different categories: assessment tools (13), therapeutic exercise program (8) perception of laterality and body scheme (7), management of secondary disorders (7), mobility, dexterity and manual coordination (5) and postural correction and ergonomics (5). From the 45 apps obtained, only 10 of them had been used in scientific studies. **Conclusions:** There is a wide variety of commercial mobile applications of great utility and low cost, applicable in the assessment and treatment of subjects who have suffered a stroke, there is even scientific evidence, although limited, about the validity of such apps

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Editorial: 2019

Tipo Audiovisual: Aplicaciones móviles Ictus Rehabi- litación Telemedicina Telerehabilitación Mobile applications Rehabilitation Stroke Telemedicine Telerehabilitation

Documento fuente: Revista española de salud pública, ISSN 1135-5727, N°. 93, 2019

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Lengua: Spanish

Enlace a fuente de información: Revista española de salud pública, ISSN 1135-5727, N°. 93, 2019

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