

COLOMBIAN MOBILE APP FOR THE REHABILITATION OF PEOPLE WITH LOWER LIMB AMPUTATION: REVIEW AND ANALYSIS OF THE DOWNLOAD COUNT

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BACKGROUND

Integral rehabilitation for people with lower limb amputation has proven not to be easily accessible. For this reason, we designed a mobile application that seeks to integrate the necessary tools in the complete rehabilitation process of people with lower limb amputation as an alternative to conventional delivery of rehabilitation. Our objective is to describe the progress in the download count and statistical description of the characteristics of people who have acquired the mobile application.

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METHODS

Based on the recommendations established in the Colombian clinical practice guidelines for amputees designed for patients and caregivers we designed GRESapp which was launched to the different digital stores on February 27, 2021. Taking into account the registration database and the statistics provided by digital stores, we analyze the characteristics of people who have acquired the mobile application and the download count.

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RESULTS

GRESapp, a mobile application that aims to be an alternative for the optimal rehabilitation of amputees, available in the App Store and Google Play Store. Until today it has registered more than 500 downloads in Google Play Store and App Store exceeding the average number of downloads of health applications created in the year.

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CONCLUSIONS

We characterize the existing medical needs of people with lower limb amputation and illustrate their diversity in terms of target audience, main functions, cost and healthcare topic by creating a mobile application that allows greater access to the rehabilitation systems. The resulting application has so far been shown to help approximately half a million Spanish-speaking users and its database is a resource for application users, application developers, and health informatics researchers.



AUTHORS

Karen Sofía Baracaldo Vargas, Jesus Alberto Plata Contreras, Ana Maria Posada Borrero, Luz Helena Lugo, Juan Carlos Velasquez, Juan Pablo Rojas Marín.

REFERENCES

Baracaldo, K.S., Plata, J.A., et. al. Design of a mobile application as an alternative in the integral care and rehabilitation for people with lower limb amputation.



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