

Accepted Manuscript

The usefulness and actual use of wearable devices among the elderly population

Shwetambara Kekade , Chung-Ho Hsieh , Mohaimenul Islam ,
Suleman Atique , Abdulwahed Mohammed Khalfan , Yu-Chuan Li ,
Shabbir Syed Abdul

PII: S0169-2607(17)30636-3
DOI: [10.1016/j.cmpb.2017.10.008](https://doi.org/10.1016/j.cmpb.2017.10.008)
Reference: COMM 4511



To appear in: *Computer Methods and Programs in Biomedicine*

Received date: 22 May 2017
Revised date: 8 September 2017
Accepted date: 2 October 2017

Please cite this article as: Shwetambara Kekade , Chung-Ho Hsieh , Mohaimenul Islam , Suleman Atique , Abdulwahed Mohammed Khalfan , Yu-Chuan Li , Shabbir Syed Abdul , The usefulness and actual use of wearable devices among the elderly population, *Computer Methods and Programs in Biomedicine* (2017), doi: [10.1016/j.cmpb.2017.10.008](https://doi.org/10.1016/j.cmpb.2017.10.008)

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

Highlights

- A combined study of review on the usefulness of available wearable devices and survey on actual use of wearable devices.
- There are increasing number of wearable devices made available which can be used for elderly age groups.
- Age and sex equality and health status need to be considered during clinical assessment of the devices.
- The awareness and use of wearables among elderly is scant.
- Physical and mental activity wearable monitors are among the top future preferred devices.

Download English Version:

<https://daneshyari.com/en/article/6891246>

Download Persian Version:

<https://daneshyari.com/article/6891246>

[Daneshyari.com](https://daneshyari.com)