

Accepted Manuscript

Title: Wearables for independent living in older adults: Gait and falls

Author: A. Godfrey

PII: S0378-5122(17)30140-8

DOI: <http://dx.doi.org/doi:10.1016/j.maturitas.2017.03.317>

Reference: MAT 6795

To appear in: *Maturitas*

Received date: 16-3-2017

Accepted date: 22-3-2017



Please cite this article as: Godfrey A, Wearables for independent living in older adults: gait and falls, *Maturitas* (2017), <http://dx.doi.org/10.1016/j.maturitas.2017.03.317>

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

- Wearables can meet older adults' needs for independent living.
 - Gait assessment is a (bio)marker within ageing and different pathologies.
 - Measuring gait with wearables has been innovative but fraught with inconsistencies.
 - Wearables utilising multiple algorithms need to be considered during free-living.
 - Opportunities exist for wearables to be informative and pragmatic clinical tools.
-

Maturitas – Review

Wearables for independent living in older adults: gait and falls

A Godfrey^{1,2}

¹Newcastle University Business School, ²Institute of Neuroscience | Newcastle University Institute for Ageing, Newcastle University, Newcastle upon Tyne, United Kingdom

Corresponding author:

Dr Alan Godfrey

Newcastle University Business School

5 Barrack Road

Newcastle upon Tyne

NE1 4SE

Email: alan.godfrey@ncl.ac.uk

Download English Version:

<https://daneshyari.com/en/article/5503346>

Download Persian Version:

<https://daneshyari.com/article/5503346>

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