

# Author Response to Letter to the Editor Regarding “Risk Assessment of Falls Among Older Adults Based on Probe Reaction Time During Water-Carrying Walking” [Response to Letter]

Fan Liu<sup>1,\*</sup>, Huan Yu<sup>1,\*</sup>, Qing Xu<sup>2,\*</sup>, Jianwei Gong<sup>1</sup>, Ming Huo<sup>3</sup>, Fei Huang<sup>1,3</sup>

<sup>1</sup>School of Health and Life Sciences, Binzhou Medical University, Yantai, People's Republic of China; <sup>2</sup>Yantai Hospital, Binzhou Medical University, Yantai, People's Republic of China; <sup>3</sup>School of Health and Life Sciences, University of Health and Rehabilitation Sciences, Qingdao, People's Republic of China

\*These authors contributed equally to this work

Correspondence: Ming Huo, School of Health and Life Sciences, University of Health and Rehabilitation Sciences, 17 Shandong Road, Qingdao, 266071, People's Republic of China, Email huoming8@gmail.com; Fei Huang, University of Health and Rehabilitation Sciences, Binzhou Medical University, 346 Guanhai Road, Laishan, Shandong Province, 264003, People's Republic of China, Email hfei22518@163.com

## Dear editor

We thank Dr. Lameky for the insightful letter concerning our recent publication and appreciate the recognition of the significance of our findings. As Dr. Vernando said, our research aims to propose objective and effective assessment methods and intervention measures for the health of older people in the aging society. We will also improve the two limitations mentioned in the research in future studies. Firstly, measuring reaction time involves a certain degree of subjectivity. In order to reduce subjectivity, future research will consider using automatic timing systems to record response time through wireless control or suggested electronic triggering, in order to minimize human error and improve measurement accuracy.

Secondly, this study did not evaluate gait changes during walking, which is an important aspect of fall risk. In future research, we will incorporate gait analysis to comprehensively assess the risk of falls, using wearable sensors or gait analyzers to objectively measure gait parameters.<sup>1</sup>

## Disclosure

The authors declare no conflicts of interest regarding this communication.

## Reference

1. Tao W, Liu T, Zheng R, Feng H. Gait analysis using wearable sensors. *Sensors*. 2012;12(2):2255–2283. doi:10.3390/s120202255

Dove Medical Press encourages responsible, free and frank academic debate. The content of the Clinical Interventions in Aging 'letters to the editor' section does not necessarily represent the views of Dove Medical Press, its officers, agents, employees, related entities or the Clinical Interventions in Aging editors. While all reasonable steps have been taken to confirm the content of each letter, Dove Medical Press accepts no liability in respect of the content of any letter, nor is it responsible for the content and accuracy of any letter to the editor.

### Clinical Interventions in Aging

Dovepress

## Publish your work in this journal

Clinical Interventions in Aging is an international, peer-reviewed journal focusing on evidence-based reports on the value or lack thereof of treatments intended to prevent or delay the onset of maladaptive correlates of aging in human beings. This journal is indexed on PubMed Central, MedLine, CAS, Scopus and the Elsevier Bibliographic databases. The manuscript management system is completely online and includes a very quick and fair peer-review system, which is all easy to use. Visit <http://www.dovepress.com/testimonials.php> to read real quotes from published authors.

Submit your manuscript here: <https://www.dovepress.com/clinical-interventions-in-aging-journal>

<https://doi.org/10.2147/CIA.S460426>