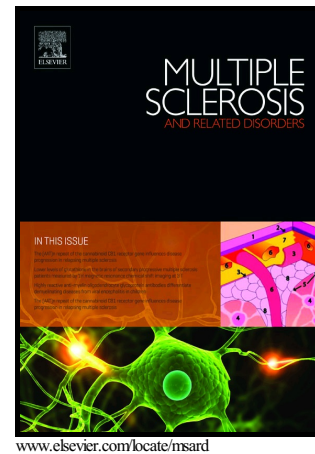


## Author's Accepted Manuscript

Effects of cognitive versus motor dual-task on spatiotemporal gait parameters in healthy controls and multiple sclerosis patients with and without fall history

Razieh Mofateh, Reza Salehi, Hossein Negahban, Mohammad mehravar, Shirin Tajali



PII: S2211-0348(17)30205-5  
DOI: <http://dx.doi.org/10.1016/j.msard.2017.09.002>  
Reference: MSARD641

To appear in: *Multiple Sclerosis and Related Disorders*

Received date: 17 June 2017  
Revised date: 25 August 2017  
Accepted date: 3 September 2017

Cite this article as: Razieh Mofateh, Reza Salehi, Hossein Negahban, Mohammad mehravar and Shirin Tajali, Effects of cognitive versus motor dual-task on spatiotemporal gait parameters in healthy controls and multiple sclerosis patients with and without fall history, *Multiple Sclerosis and Related Disorders*, <http://dx.doi.org/10.1016/j.msard.2017.09.002>

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 galley proof before it is published in its final citable 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.

## **Effects of cognitive versus motor dual-task on spatiotemporal gait parameters in healthy controls and multiple sclerosis patients with and without fall history**

Razieh Mofateh<sup>1</sup>, Reza Salehi<sup>1\*</sup>, Hossein Negahban<sup>2,3</sup>, Mohammad mehravar<sup>1</sup>, Shirin Tajali<sup>1</sup>

<sup>1</sup>Musculoskeletal Rehabilitation Research Center, Ahvaz Jundishapur University of Medical Sciences, Ahvaz, Iran.

<sup>2</sup>Department of Physical Therapy, School of Paramedical Sciences, Mashhad University of Medical Sciences, Mashhad, Iran.

<sup>3</sup> Orthopedic Research Center, Mashhad University of Medical Sciences, Mashhad, Iran.

mofatehr@yahoo.com

salehi200@yahoo.com

honegahban@yahoo.com

mohammad.mehravar@gmail.com

shirintajali@yahoo.com

\***Corresponding Author:** Tel.: (98) 613 374-3101; fax: (98) 613 374-3506.

### **Abstract**

### **Background**

The purpose of the current study was to compare the effects of cognitive or motor tasks on gait performance between healthy controls and multiple sclerosis (MS) patients with and without fall history.

Download English Version:

<https://daneshyari.com/en/article/5590780>

Download Persian Version:

<https://daneshyari.com/article/5590780>

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