

Accepted Manuscript

“Effects of classic progressive resistance training *versus* eccentric-enhanced resistance training in people with multiple sclerosis”

Claudia Eliza Patrocínio de Oliveira, Osvaldo Costa Moreira, Zoila Marilú Carrión-Yagual, Carlos Medina-Pérez, José Antonio de Paz



PII: S0003-9993(17)31382-5

DOI: [10.1016/j.apmr.2017.10.021](https://doi.org/10.1016/j.apmr.2017.10.021)

Reference: YAPMR 57073

To appear in: *ARCHIVES OF PHYSICAL MEDICINE AND REHABILITATION*

Received Date: 29 August 2017

Revised Date: 17 October 2017

Accepted Date: 20 October 2017

Please cite this article as: Patrocínio de Oliveira CE, Costa Moreira O, Carrión-Yagual ZM, Medina-Pérez C, de Paz JA, “Effects of classic progressive resistance training *versus* eccentric-enhanced resistance training in people with multiple sclerosis”, *ARCHIVES OF PHYSICAL MEDICINE AND REHABILITATION* (2017), doi: 10.1016/j.apmr.2017.10.021.

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.

1 **Running Head: “Strength training in multiple sclerosis”**

2

3 **Title: “Effects of classic progressive resistance training *versus* eccentric-enhanced**
4 **resistance training in people with multiple sclerosis”**

5

6 Claudia Eliza Patrocínio de Oliveira^{1,2}, Osvaldo Costa Moreira^{1,2}, Zoila Marilú Carrión-
7 Yagual¹, Carlos Medina-Pérez³, José Antonio de Paz¹

8

9 ¹ Institute of Biomedicine, University of Leon, Leon, Spain.

10 ² Department of Physical Education, Federal University of Viçosa, Viçosa, Brazil.

11 ³ University Isabel I, Burgos, Spain.

12

13 *** Corresponding author:**

14 Claudia Eliza Patrocínio de Oliveira

15 Institute of Biomedicine, University of Leon, Campus Vegazana, 24008, Leon, Spain;

16 Phone number: +34629959278

17 Email: cpatrocinio@ufv.br

18

19 **Funding**

20 This study was supported by a grant from the “Conserjería de Sanidad y Consumo” of
21 the Government of the Autonomous Community of Castilla y León, Spain.

22

23 **Acknowledgments**

24 The authors would like to give special acknowledgement to the patients who
25 participated in this study for their trust and commitment during the course of the
26 training protocol and tests. The authors would also like to thank the Multiple Sclerosis
27 Associations of Castilla y León, Spain, that participated in the study and the “National
28 Council for Scientific and Technological Development” (CNPq) for the “Ciências sem

Download English Version:

<https://daneshyari.com/en/article/8753635>

Download Persian Version:

<https://daneshyari.com/article/8753635>

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