

CORRECTION

Open Access



Correction to: skeletal muscle mechanics: questions, problems and possible solutions

W. Herzog

Correction

In Fig. 3a of the original manuscript [1], the passive force at the beginning of the force-time history (approximately from 0 to 1 s) of each of the black and orange traces was interchanged in the coloring process. This was an error in the artwork preparation, not the original data. The corrected figure is shown below.

I would like to thank Brent Raiteri for alerting me to this error.

Received: 22 December 2017 Accepted: 5 February 2018

Published online: 07 March 2018

Reference

1. Herzog W. Skeletal muscle mechanics: questions, problems and possible solutions. *J Neuroeng Rehabil.* 2017;14:98.

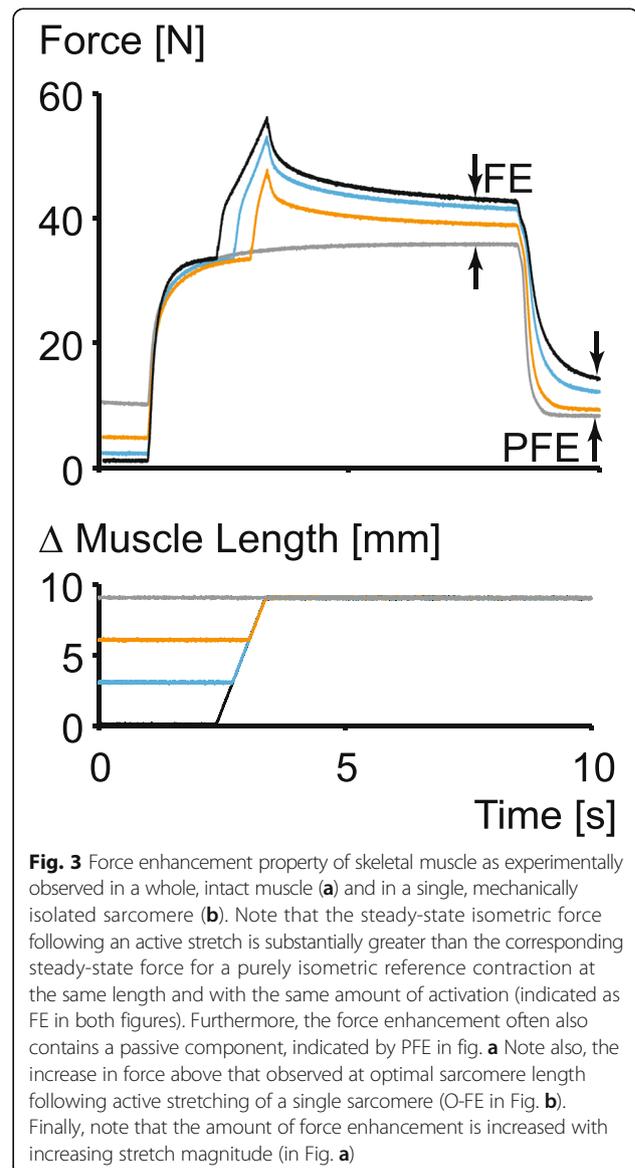


Fig. 3 Force enhancement property of skeletal muscle as experimentally observed in a whole, intact muscle (a) and in a single, mechanically isolated sarcomere (b). Note that the steady-state isometric force following an active stretch is substantially greater than the corresponding steady-state force for a purely isometric reference contraction at the same length and with the same amount of activation (indicated as FE in both figures). Furthermore, the force enhancement often also contains a passive component, indicated by PFE in fig. a Note also, the increase in force above that observed at optimal sarcomere length following active stretching of a single sarcomere (O-FE in Fig. b). Finally, note that the amount of force enhancement is increased with increasing stretch magnitude (in Fig. a)

Correspondence: wherzog@ucalgary.ca

Faculty of Kinesiology, University of Calgary, 2500 University Dr, Calgary, AB T2N-1N4, Canada



© The Author(s). 2018 **Open Access** This article is distributed under the terms of the Creative Commons Attribution 4.0 International License (<http://creativecommons.org/licenses/by/4.0/>), which permits unrestricted use, distribution, and reproduction in any medium, provided you give appropriate credit to the original author(s) and the source, provide a link to the Creative Commons license, and indicate if changes were made. The Creative Commons Public Domain Dedication waiver (<http://creativecommons.org/publicdomain/zero/1.0/>) applies to the data made available in this article, unless otherwise stated.