Accepted Manuscript

Effect of Botulinum Toxin on Clonus: A Systematic Review

Vivekanand Thanikachalam, MBBS, D Ortho, Chetan P. Phadke, BPhT, PhD, Farooq Ismail, MD, Chris Boulias, MD, PhD

PII: S0003-9993(16)31164-9

DOI: 10.1016/j.apmr.2016.09.126

Reference: YAPMR 56701

To appear in: ARCHIVES OF PHYSICAL MEDICINE AND REHABILITATION

Received Date: 8 June 2016

Revised Date: 19 September 2016 Accepted Date: 21 September 2016

Please cite this article as: Thanikachalam V, Phadke CP, Ismail F, Boulias C, Effect of Botulinum Toxin on Clonus: A Systematic Review, *ARCHIVES OF PHYSICAL MEDICINE AND REHABILITATION* (2016), doi: 10.1016/j.apmr.2016.09.126.

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.



ACCEPTED MANUSCRIPT

Running head: Botulinum toxin and clonus management

1

1 Effect of Botulinum Toxin on Clonus: A Systematic Review

- 2 Vivekanand Thanikachalam¹, MBBS, D Ortho; Chetan P. Phadke^{1, 2, 3}*, BPhT, PhD; Farooq
- 3 Ismail^{1, 2}, MD; Chris Boulias^{1, 2}, MD, PhD
- ¹Spasticity Research Program, West Park Healthcare Centre, Toronto, ON, Canada,
- ²Department of Physical Therapy, University of Toronto, Toronto, ON, Canada
- ³Faculty of Health, York University, Toronto, ON, Canada

7 Acknowledgement

- 8 This work was supported by the West Park Foundation (Phadke).
- 9 Authors have received funding from Allergan and Merz as research grants (CP, FI, CB) and
- speaker fees and honoraria (FI, CB).

11 Ethics approval

- 12 Systematic reviews do not need ethical approval in our institution.
- Corresponding Author: Dr. Chetan P. Phadke, Address: Spasticity Research Program, West
- Park Healthcare Centre, 82 Buttonwood Ave., Toronto, ON, Canada M6M 2J5, Business
- telephone number: 1-416-243-3600 x 2716, Email: chetan.phadke@westpark.org

Download English Version:

https://daneshyari.com/en/article/5677956

Download Persian Version:

https://daneshyari.com/article/5677956

<u>Daneshyari.com</u>