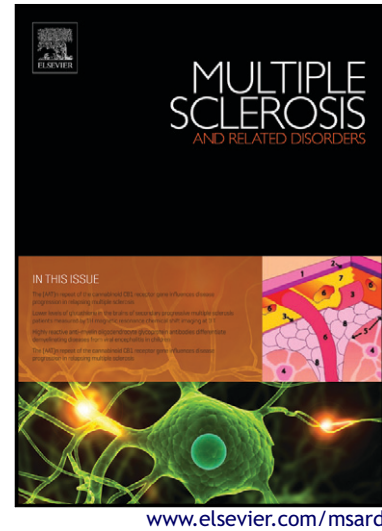


Functional clinical outcomes in multiple sclerosis: Current status and future prospects

Rana Karabudak, Maurice Dahdaleh, Mohammed Aljumah, Raed Alroughani, I Ahmed Alsharoqi, Abdulrahman M ALTahan, Saeed A Bohlega, Abdulkader Daif, Dirk Deleu, Amer Amous, Jihad S Inshasi, Peter Rieckmann, Mohammed A Sahraian, Bassem I Yamout



PII: S2211-0348(15)00034-6
DOI: <http://dx.doi.org/10.1016/j.msard.2015.03.004>
Reference: MSARD250

To appear in: *Multiple Sclerosis and Related Disorders*

Received date: 12 December 2014
Revised date: 23 February 2015
Accepted date: 14 March 2015

Cite this article as: Rana Karabudak, Maurice Dahdaleh, Mohammed Aljumah, Raed Alroughani, I Ahmed Alsharoqi, Abdulrahman M ALTahan, Saeed A Bohlega, Abdulkader Daif, Dirk Deleu, Amer Amous, Jihad S Inshasi, Peter Rieckmann, Mohammed A Sahraian, Bassem I Yamout, Functional clinical outcomes in multiple sclerosis: Current status and future prospects, *Multiple Sclerosis and Related Disorders*, <http://dx.doi.org/10.1016/j.msard.2015.03.004>

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.

Functional clinical outcomes in multiple sclerosis: Current status and future prospects

Rana Karabudak¹, Maurice Dahdaleh,² Mohammed Aljumah,³ Raed Alroughani,⁴ I Ahmed Alsharoqi,⁵ Abdulrahman M AlTahan,⁶ Saeed A Bohlega,⁷ Abdulkader Daif,⁶ Dirk Deleu,⁸ Amer Amous,⁹ Jihad S Inshasi,¹⁰ Peter Rieckmann,¹¹ Mohammed A Sahraian,¹² Bassem I Yamout.¹³

1. Hacettepe University Hospitals, Dept.of Neurology, Neuroimmunology Unit, Ankara, Turkey; 2. Department of Internal Medicine, Neurology Section, Arab Medical Center and Khalidi Hospital, Amman, Jordan 3. King Abdullah International Medical Research Center, King Saud Ben Abdulaziz University for Health Sciences, NGH, Riyadh, Saudi Arabia and PMBH, MOH, Riyadh, Saudi Arabia; 4. Division of Neurology, Amiri Hospital, Kuwait and Division of Neurology, Dasman Diabetes Institute, Kuwait; 5. Clinical Neurosciences Department, Salmaniya Medical Complex, Manama, Bahrain; 6. Neurology section, KKHU, King Saud University and Dallah Hospital, Saudi Arabia; 7. Department of Neurosciences, King Faisal Specialist Hospital and Research Centre, Riyadh, Kingdom of Saudi Arabia; 8. Department of Neurology (Medicine), Hamad Medical Corporation, Doha, Qatar; 9. Merck Serono Intercontinental Region, Dubai, United Arab Emirates; 10. Neurology Department, Rashid Hospital and Dubai Medical College, Dubai Health Authority, United Arab Emirates; 11. Neurologische Klinik Bamberg, Bamberg, Germany; 12. MS Research Center, Neuroscience Institute, Tehran University of Medical Sciences, Iran; 13. Multiple Sclerosis Center, American University of Beirut Medical Center, Beirut, Lebanon.

Corresponding author: Rana Karabudak MD
Professor of Neurology
Hacettepe University Hospitals
Dept.of Neurology
Neuroimmunology Unit 06100
Sıhhiye
Ankara
Turkey

rkbudak@hacettepe.edu.tr
Tel: +90 312 305 2460; fax: +90 312 305 1983

Abbreviations: BICAMS: Brief International Cognitive Assessment for Multiple Sclerosis; BVMRT: Brief Visuospatial Memory Test – Revised; CVLT-II: California Verbal Learning Test - Second Edition; DAF: Disease activity-free status; EDSS: Expanded Disability Status Scale; MACFIMS: Minimal Assessment of Cognitive Function in MS; MSFC: MS Functional Composite; MusiQoL: MS International Quality of Life; PASAT: Paced Auditory serial Addition test; QoL: quality of life; SDMT: Symbol Digit Modalities Test.

Download English Version:

<https://daneshyari.com/en/article/5912265>

Download Persian Version:

<https://daneshyari.com/article/5912265>

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