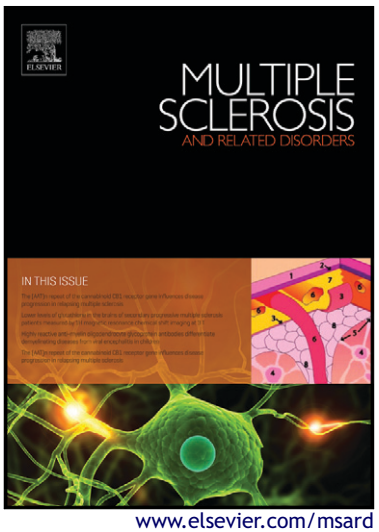
Author's Accepted Manuscript



www.elsevier.com/msard

Magnetic resonance imaging correlates of clinical outcomes in early multiple sclerosis

Amir-Hadi Maghzi, Nisha Revirajan, Laura J. Julian, Rebecca Spain, Ellen M Mowry, Shuang Liu, Chengshi Jin, Ari J. Green, Charles E. McCulloch, Daniel Pelletier, Emmanuelle Waubant

PII: S2211-0348(14)00069-8
DOI: http://dx.doi.org/10.1016/j.msard.2014.07.003
Reference: MSARD201

To appear in: *Multiple Sclerosis and Related Disorders*

Cite this article as: Amir-Hadi Maghzi, Nisha Revirajan, Laura J. Julian, Rebecca Spain, Ellen M Mowry, Shuang Liu, Chengshi Jin, Ari J. Green, Charles E. McCulloch, Daniel Pelletier, Emmanuelle Waubant, Magnetic resonance imaging correlates of clinical outcomes in early multiple sclerosis, *Multiple Sclerosis and Related Disorders,* http://dx.doi.org/10.1016/j.msard.2014.07.003

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.

ACCEPTED MANUSCRIPT

Magnetic Resonance Imaging correlates of clinical outcomes in early multiple sclerosis

Amir-Hadi Maghzi, MD, Nisha Revirajan, MD, Laura J. Julian ,PhD, Rebecca Spain ,MD, Ellen M Mowry, MD, Shuang Liu, PhD, Chengshi Jin, PhD, Ari J. Green, MD, Charles E. McCulloch, PhD, Daniel Pelletier, MD, and Emmanuelle Waubant, MD, PhD

From Departments of Neurology (A.-H.M., N.R.,A.J.G., E.W.), Pediatrics (E.W.), Internal Medicine (L.J.J.), and Epidemiology and Biostatistics (C.E.M, C.J.), University of California San Francisco, San Francisco, CA; Department of Neurology (R.S,), Oregon Health and Science University, OR; Department of Neurology (EMM), Johns Hopkins University, Baltimore, MD; Department of Neurology (D.P., S.L.), Yale school of medicine, New Haven, CT

Keywords: Multiple sclerosis, Magnetic resonance imaging, outcomes, neuroprotection, brain atrophy, cognition

Corresponding author: Amir-Hadi Maghzi, M.D., Multiple Sclerosis Center, Department of Neurology, University of California San Francisco (UCSF), 675 Nelson Rising Lane, Room 221F, San Francisco, CA, Box 3206, Zip code: 94158.

Email: maghzia@neurology.ucsf.edu

Phone: (+1) 415-502-7224 Fax: (+1) 415-514-2470

Accepted manuscript

Download English Version:

https://daneshyari.com/en/article/5912399

Download Persian Version:

https://daneshyari.com/article/5912399

Daneshyari.com