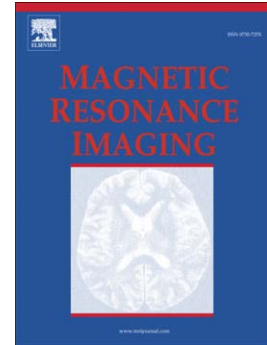


Accepted Manuscript

Alterations of the optic pathway between unilateral and bilateral optic nerve damage in multiple sclerosis as revealed by the combined use of advanced diffusion kurtosis imaging and visual evoked potentials

Mariko Yoshida Takemura, Masaaki Hori, Kazumasa Yokoyama, Nozomi Hamasaki, Michimasa Suzuki, Koji Kamagata, Kouhei Kamiya, Yuriko Suzuki, Shinsuke Kyogoku, Yoshitaka Masutani, Nobutaka Hattori, Shigeki Aoki



PII: S0730-725X(16)30023-6
DOI: doi: [10.1016/j.mri.2016.04.011](https://doi.org/10.1016/j.mri.2016.04.011)
Reference: MRI 8542

To appear in: *Magnetic Resonance Imaging*

Received date: 17 May 2015
Revised date: 1 April 2016
Accepted date: 17 April 2016

Please cite this article as: Takemura Mariko Yoshida, Hori Masaaki, Yokoyama Kazumasa, Hamasaki Nozomi, Suzuki Michimasa, Kamagata Koji, Kamiya Kouhei, Suzuki Yuriko, Kyogoku Shinsuke, Masutani Yoshitaka, Hattori Nobutaka, Aoki Shigeki, Alterations of the optic pathway between unilateral and bilateral optic nerve damage in multiple sclerosis as revealed by the combined use of advanced diffusion kurtosis imaging and visual evoked potentials, *Magnetic Resonance Imaging* (2016), doi: [10.1016/j.mri.2016.04.011](https://doi.org/10.1016/j.mri.2016.04.011)

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.

(title page)

Alterations of the optic pathway between unilateral and bilateral optic nerve damage in multiple sclerosis as revealed by the combined use of advanced diffusion kurtosis imaging and visual evoked potentials

Mariko Yoshida Takemura¹, Masaaki Hori¹, Kazumasa Yokoyama², Nozomi Hamasaki¹, Michimasa Suzuki¹, Koji Kamagata¹, Kouhei Kamiya³, Yuriko Suzuki⁴, Shinsuke Kyogoku¹, Yoshitaka Masutani⁵, Nobutaka Hattori², Shigeki Aoki¹

1. Department of Radiology, Juntendo University School of Medicine, Tokyo, Japan
2. Department of Neurology, Juntendo University School of Medicine, Tokyo, Japan
3. Division of Radiology, and Biomedical Engineering, Graduate School of Medicine, The University of Tokyo
4. Philips Electronics Japan, Tokyo, Japan
5. Medical Imaging Laboratory, Graduate School of Information Sciences, Hiroshima City University

Corresponding Author's Information

Mariko Yoshida Takemura, MD, PhD

Department of Radiology, Juntendo University School of Medicine,
2-1-1, Hongo Bunkyo-ku Tokyo 113-8421 Japan;

e-mail: mrk.ysd@gmail.com; TEL:+81-3-3813-3111; FAX: +81-3-3816-0958

متن کامل مقاله

دریافت فوری ←

ISIArticles

مرجع مقالات تخصصی ایران

- ✓ امکان دانلود نسخه تمام متن مقالات انگلیسی
- ✓ امکان دانلود نسخه ترجمه شده مقالات
- ✓ پذیرش سفارش ترجمه تخصصی
- ✓ امکان جستجو در آرشیو جامعی از صدها موضوع و هزاران مقاله
- ✓ امکان دانلود رایگان ۲ صفحه اول هر مقاله
- ✓ امکان پرداخت اینترنتی با کلیه کارت های عضو شتاب
- ✓ دانلود فوری مقاله پس از پرداخت آنلاین
- ✓ پشتیبانی کامل خرید با بهره مندی از سیستم هوشمند رهگیری سفارشات