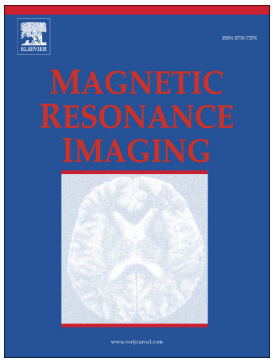
Accepted Manuscript



Development of a robust diffusion-MR elastography (dMRE) technique to mitigate intravoxel phase dispersion

Daiki Ito, Tomokazu Numano, Kazuyuki Mizuhara, Toshikatsu Washio, Masaki Misawa, Naotaka Nitta

PII: S0730-725X(18)30423-5
DOI: doi:10.1016/j.mri.2018.08.016
Reference: MRI 9028

To appear in: *Magnetic Resonance Imaging*

Received date: 25 January 2018
Revised date: 21 August 2018
Accepted date: 27 August 2018

Please cite this article as: Daiki Ito, Tomokazu Numano, Kazuyuki Mizuhara, Toshikatsu Washio, Masaki Misawa, Naotaka Nitta , Development of a robust diffusion-MR elastography (dMRE) technique to mitigate intravoxel phase dispersion. Mri (2018), doi:10.1016/j.mri.2018.08.016

Development of a robust diffusion-MR elastography (dMRE) technique to mitigate intravoxel phase dispersion

Daiki Ito [a, b, c], Tomokazu Numano [a, b, *], Kazuyuki Mizuhara [b, d], Toshikatsu Washio [b], Masaki Misawa [b], Naotaka Nitta [b]

[a] Department of Radiological Sciences, Graduate School of Human Health Sciences, Tokyo Metropolitan University, 7-2-10, Higashiogu, Arakawa-ku, Tokyo 116-8551 Japan

[b] Health Research Institute, National Institute of Advanced Industrial Science and Technology, 1-2-1, Namiki, Tsukuba-shi, Ibaraki 305-8564 Japan

[c] Office of Radiation Technology, Keio University Hospital, Shinanomachi, Shinjuku-ku, Tokyo 160-8582 Japan

[d] Department of Mechanical Engineering, Tokyo Denki University, 5, Senju Asahicho, Adachi-ku, Tokyo 120-8551 Japan

[*] Corresponding author at: Department of Radiological Sciences, Graduate School of Human Health Sciences, Tokyo Metropolitan University, 7-2-10, Higashiogu, Arakawa-ku, Tokyo 116-8551 Japan.

E-mail address: t-numano@tmu.ac.jp (T. Numano).