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

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

Development of a robust technique for diffusion-MRE

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

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

^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.

Download English Version:

https://daneshyari.com/en/article/9953834

Download Persian Version:

https://daneshyari.com/article/9953834

<u>Daneshyari.com</u>