



Universiteit
Leiden
The Netherlands

Velocity-selective arterial spin labeling perfusion MRI: a review of the state of the art and recommendations for clinical implementation (Vol 88, pg 1528, 2022)

Qin, Q.; Alsop, D.C.; Bolar, D.S.; Hernandez-Garcia, L.; Meakin, J.; Liu, D.P.; ... ; Guo, J.

Citation

Qin, Q., Alsop, D. C., Bolar, D. S., Hernandez-Garcia, L., Meakin, J., Liu, D. P., ... Guo, J. (2024). Velocity-selective arterial spin labeling perfusion MRI: a review of the state of the art and recommendations for clinical implementation (Vol 88, pg 1528, 2022). *Magnetic Resonance In Medicine*, 92(2), 881-881. doi:10.1002/mrm.30099

Version: Publisher's Version

License: [Licensed under Article 25fa Copyright Act/Law \(Amendment Taverne\)](#)

Downloaded from: <https://hdl.handle.net/1887/4195235>

Note: To cite this publication please use the final published version (if applicable).

ERRATUM**Magnetic Resonance in Medicine****Erratum to: Velocity-selective arterial spin labeling perfusion MRI: A review of the state of the art and recommendations for clinical implementation (Magn Reson Med. 2022; 88:1528–1547)**

Qin Qin¹ | **David C. Alsop²** | **Divya S. Bolar³** | **Luis Hernandez-Garcia⁴** | **James Meakin⁵** | **Dapeng Liu¹** | **Krishna S. Nayak⁶** | **Sophie Schmid⁷** | **Matthias J. P. van Osch⁷** | **Eric C. Wong³** | **Joseph G. Woods³** | **Greg Zaharchuk⁸** | **Moss Y. Zhao⁸** | **Zungho Zun⁹** | **Jia Guo¹⁰**

¹The Russell H. Morgan Department of Radiology and Radiological Science, Johns Hopkins University School of Medicine, Baltimore, Maryland, USA; ²Department of Radiology, Beth Israel Deaconess Medical Center and Harvard Medical School, Boston, Massachusetts, USA; ³Center for Functional Magnetic Resonance Imaging, Department of Radiology, University of California, San Diego La Jolla, California, USA; ⁴FMRI Laboratory, University of Michigan, Ann Arbor, Michigan, USA; ⁵Department of Radiology, Nuclear Medicine and Anatomy, Radboud University Medical Center, Nijmegen, The Netherlands; ⁶Magnetic Resonance Engineering Laboratory, Ming Hsieh Department of Electrical Engineering, University of Southern California, Los Angeles, California, USA; ⁷C.J. Gorter Center for high field MRI, Department of Radiology, Leiden University Medical Center, Leiden, The Netherlands; ⁸Department of Radiology, Stanford University, Stanford, California, USA; ⁹Department of Radiology, Weill Cornell Medicine, New York, New York, USA; ¹⁰Department of Bioengineering, University of California Riverside, Riverside, California, USA

Correspondence

Qin Qin, The Russell H. Morgan Department of Radiology and Radiological Science, Johns Hopkins University School of Medicine, Baltimore, Maryland, USA.

Email: qqin1@jhu.edu

In the fifth paragraph of Section 9.1, the text “For FT-VSI, V_{cut} is also defined as the first crossing of $\Delta M = 1$,³⁰ but for the velocity response without an assumption of laminar flow (in a plug flow condition) (Figure 6E). This is also the 0-crossing or half-width-half-maximum point of FT-VSI’s velocity response under the label condition (Figure 6C).” was incorrect. This should have read: “For FT-VSI, V_{cut} can also be defined as the first crossing of $\Delta M = 1$,³⁰ with the assumption of laminar flow (Figure 6F). Alternatively, it can be defined as the 0-crossing or half-width-half-maximum point of FT-VSI’s velocity response under the label condition without an assumption of laminar flow (in a plug flow condition) (Figure 6C). Note that no relaxation was considered in these definitions.”

We apologize for this error.

ORCID

Qin Qin  <https://orcid.org/0000-0002-6432-2944>

Luis Hernandez-Garcia  <https://orcid.org/0000-0003-3002-0304>

Dapeng Liu  <https://orcid.org/0000-0002-4432-3202>

Krishna S. Nayak  <https://orcid.org/0000-0001-5735-3550>

Sophie Schmid  <https://orcid.org/0000-0003-0750-7798>

Matthias J. P. van Osch  <https://orcid.org/0000-0001-7034-8959>

Joseph G. Woods  <https://orcid.org/0000-0002-0329-824X>

Moss Y. Zhao  <https://orcid.org/0000-0002-0210-7739>

Zungho Zun  <https://orcid.org/0000-0002-7297-3990>