



Corrigendum: Repeatability and Reproducibility of *in-vivo* Brain Temperature Measurements

Ayushe A. Sharma^{1,2,3*}, Rodolphe Nenert^{3,4}, Christina Mueller¹, Andrew A. Maudsley⁵, Jarred W. Younger¹ and Jerzy P. Szaflarski^{2,3,4,6}

¹ Department of Psychology, University of Alabama at Birmingham (UAB), Birmingham, AL, United States, ² Department of Neurobiology, University of Alabama at Birmingham (UAB), Birmingham, AL, United States, ³ University of Alabama at Birmingham Epilepsy Center (UABEC), Birmingham, AL, United States, ⁴ Department of Neurology, University of Alabama at Birmingham (UAB), Birmingham, AL, United States, ⁵ Department of Radiology, Miller School of Medicine, University of Miami, Miami, FL, United States, ⁶ Department of Neurosurgery, University of Alabama at Birmingham (UAB), Birmingham, AL, United States

Keywords: MRS, brain temperature, MR thermometry, neuroinflammation, neuroimaging

A Corrigendum on

Repeatability and Reproducibility of *in-vivo* Brain Temperature Measurements

by Sharma, A. A., Nenert, R., Mueller, C., Maudsley, A. A., Younger, J. W., and Szaflarski, J. P. (2020). *Front. Hum. Neurosci.* 14:598435. doi: 10.3389/fnhum.2020.598435

OPEN ACCESS

Edited and reviewed by:

Dajiang Zhu,
University of Texas at Arlington,
United States

*Correspondence:

Ayushe A. Sharma
sharma87@uab.edu

Specialty section:

This article was submitted to
Brain Imaging and Stimulation,
a section of the journal
Frontiers in Human Neuroscience

Received: 21 September 2021

Accepted: 04 November 2021

Published: 26 November 2021

Citation:

Sharma AA, Nenert R, Mueller C,
Maudsley AA, Younger JW and
Szaflarski JP (2021) Corrigendum:
Repeatability and Reproducibility of
in-vivo Brain Temperature
Measurements.
Front. Hum. Neurosci. 15:780797.
doi: 10.3389/fnhum.2021.780797

In the original article, there was a mistake in **Figure 1** as published.

The original figure was adapted from Dehkharghani et al. (2015), but this adaptation was not appropriately described and referenced in the manuscript. We apologize for this oversight. The figure has been revised: the adapted portion has been replaced with a new graphic and the caption now appropriately indicates that a portion was adapted from a previously published article. The corrected **Figure 1** appears below.

The authors apologize for this error and state that this does not change the scientific conclusions of the article in any way. The original article has been updated.

REFERENCES

Dehkharghani, S., Mao, H., Howell, L., Zhang, X., Pate, K. S., Magrath, P. R., et al. (2015). Proton resonance frequency chemical shift thermometry: experimental design and validation toward high-resolution noninvasive temperature monitoring and *in vivo* experience in a non-human primate model of acute ischemic stroke. *Am. J. Neuroradiol.* 36, 1128–1135. doi: 10.3174/ajnr.A4241

Publisher's Note: All claims expressed in this article are solely those of the authors and do not necessarily represent those of their affiliated organizations, or those of the publisher, the editors and the reviewers. Any product that may be evaluated in this article, or claim that may be made by its manufacturer, is not guaranteed or endorsed by the publisher.

Copyright © 2021 Sharma, Nenert, Mueller, Maudsley, Younger and Szaflarski. This is an open-access article distributed under the terms of the Creative Commons Attribution License (CC BY). The use, distribution or reproduction in other forums is permitted, provided the original author(s) and the copyright owner(s) are credited and that the original publication in this journal is cited, in accordance with accepted academic practice. No use, distribution or reproduction is permitted which does not comply with these terms.

