Accepted Manuscript

Estimation on the effect of local brain cooling after head injury by wireless near infrared spectroscopy

Che-Chuan Wang, Yao-Chin Wang, Yi-Chien Liao, Jhi-Joung Wang, Ming-Che Chan, Bor-Shyh Lin

PII: S0263-2241(16)30657-1

DOI: http://dx.doi.org/10.1016/j.measurement.2016.11.019

Reference: MEASUR 4440

To appear in: *Measurement*

Received Date: 26 September 2016 Accepted Date: 8 November 2016



Please cite this article as: C-C. Wang, Y-C. Wang, Y-C. Liao, J-J. Wang, M-C. Chan, B-S. Lin, Estimation on the effect of local brain cooling after head injury by wireless near infrared spectroscopy, *Measurement* (2016), doi: http://dx.doi.org/10.1016/j.measurement.2016.11.019

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.

Estimation on the effect of local brain cooling after head injury by wireless near infrared spectroscopy

Che-Chuan Wang^{1,2}, Yao-Chin Wang^{3,4}, Yi-Chien Liao⁴, Jhi-Joung Wang^{2,4}, Ming-Che Chan¹, Bor-Shyh Lin^{2,4*}

- ¹ Institute of Photonic System, National Chiao Tung University, Tainan 711, Taiwan.
- ² Department of Medical Research, Chi-Mei Medical Center, Tainan 710, Taiwan.
- Department of Biomedical Engineering, Hungkuang University, Taichung 433, Taiwan.
- ⁴ Institute of Imaging and Biomedical Photonics, National Chiao Tung University, Tainan 711, Taiwan.

Corresponding author:

Name: Bor-Shyh Lin

Address: No.301, Gaotie 3rd Rd., Guiren Township, Tainan County 711, Taiwan Institutional Affiliations: Institute of Imaging and Biomedical Photonics, National Chiao Tung University, Taiwan.

Email: borshyhlin@mail.nctu.edu.tw; borshyhlin@gmail.com

Download English Version:

https://daneshyari.com/en/article/5006900

Download Persian Version:

https://daneshyari.com/article/5006900

<u>Daneshyari.com</u>