

CORRECTION

Open Access



Correction: Photobiomodulation combination therapy as a new insight in neurological disorders: a comprehensive systematic review

Narmin Farazi¹, Hanieh Salehi-Pourmehr², Fereshteh Farajdokht¹, Javad Mahmoudi¹ and Saeed Sadigh-Eteghad^{1*}

Correction: *BMC Neurol* 24, 101 (2024)
<https://doi.org/10.1186/s12883-024-03593-4>

Following publication of the original article [1], the authors reported that the conclusion section was missing in the published article.

The missing conclusion is provided below.

Conclusion.

This systematic review clearly demonstrates the therapeutic role of PBM combined therapies, as well as their potential to improve treatment efficacy and reduce side effects across a wide range of central and peripheral neurological disorders. This approach provides numerous research opportunities for studying the synergistic effects of combining PBM with other treatment modalities to optimize neural tissue stimulation by this technique. Also, this review listed the all-possible combinations that studied in previous preclinical and clinical researches. Given the significant heterogeneity in the combined

treatment approaches and included disorders, additional studies are required to establish more consistent evidence of efficacy. These studies will provide guidance for the development of well-designed and successful clinical trials.

The original article [1] has been updated.

Published online: 10 April 2024

References

1. Farazi N, Salehi-Pourmehr H, Farajdokht F et al. Photobiomodulation combination therapy as a new insight in neurological disorders: a comprehensive systematic review. *BMC Neurol* 24, 101 (2024). <https://doi.org/10.1186/s12883-024-03593-4>.

Publisher's Note

Springer Nature remains neutral with regard to jurisdictional claims in published maps and institutional affiliations.

The online version of the original article can be found at <https://doi.org/10.1186/s12883-024-03593-4>.

*Correspondence:

Saeed Sadigh-Eteghad
Saeed.sadigetegad@gmail.com

¹Neurosciences Research Center, Tabriz University of Medical Sciences, Tabriz 5166614756, Iran

²Research Center for Evidence-Based Medicine, Iranian EBM Centre: A Joanna Briggs Institute (JBI) Center of Excellence, Tabriz University of Medical Sciences, Tabriz, Iran



© The Author(s) 2024. **Open Access** This article is licensed under a Creative Commons Attribution 4.0 International License, which permits use, sharing, adaptation, distribution and reproduction in any medium or format, as long as you give appropriate credit to the original author(s) and the source, provide a link to the Creative Commons licence, and indicate if changes were made. The images or other third party material in this article are included in the article's Creative Commons licence, unless indicated otherwise in a credit line to the material. If material is not included in the article's Creative Commons licence and your intended use is not permitted by statutory regulation or exceeds the permitted use, you will need to obtain permission directly from the copyright holder. To view a copy of this licence, visit <http://creativecommons.org/licenses/by/4.0/>. The Creative Commons Public Domain Dedication waiver (<http://creativecommons.org/publicdomain/zero/1.0/>) applies to the data made available in this article, unless otherwise stated in a credit line to the data.