

OPEN ACCESS

APPROVED BY
Frontiers Editorial Office,
Frontiers Media SA, Switzerland

*CORRESPONDENCE
Chencheng Zhang
☑ i@cczhang.org
Dianyou Li
☑ ldv11483@rih.com.cn

[†]These authors have contributed equally to this work

RECEIVED 08 October 2023 ACCEPTED 25 October 2023 PUBLISHED 07 November 2023

CITATION

Qiu X, Peng T, Lin Z, Zhu K, Wang Y, Sun B, Ashkan K, Zhang C and Li D (2023) Corrigendum: Fixed-life or rechargeable battery for deep brain stimulation: preference and satisfaction in Chinese patients with Parkinson's disease. *Front. Neurol.* 14:1309820. doi: 10.3389/fneur.2023.1309820

COPYRIGHT

© 2023 Qiu, Peng, Lin, Zhu, Wang, Sun, Ashkan, Zhang and Li. 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.

Corrigendum: Fixed-life or rechargeable battery for deep brain stimulation: preference and satisfaction in Chinese patients with Parkinson's disease

Xian Qiu^{1,2†}, Tingting Peng^{1,2†}, Zhengyu Lin¹, Kaiwen Zhu¹, Yuhan Wang¹, Bomin Sun¹, Keyoumars Ashkan³, Chencheng Zhang^{1*} and Dianyou Li^{1*}

¹Department of Nursing, Ruijin Hospital, Shanghai Jiao Tong University School of Medicine, Shanghai, China, ²Department of Neurosurgery, Ruijin Hospital, Shanghai Jiao Tong University School of Medicine, Shanghai, China, ³Department of Neurosurgery, King's College Hospital, London, United Kingdom

KEYWORDS

deep brain stimulation, movement disorders, patient satisfaction, Parkinson's disease, rechargeable implantable pulse generator

A corrigendum on

Fixed-life or rechargeable battery for deep brain stimulation: preference and satisfaction in Chinese patients with Parkinson's disease

by Qiu, X., Peng, T., Lin, Z., Zhu, K., Wang, Y., Sun, B., Ashkan, K., Zhang, C., and Li, D. (2021). Front. Neurol. 12:668322. doi: 10.3389/fneur.2021.668322

In the published article Jakobs M, Kloß M, Unterberg A, Kiening K. Rechargeable internal pulse generators as initial neurostimulators for deep brain stimulation in patients with movement disorders. *Neuromodulation*. (2018) 21:604–10. doi: 10.1111/ner.12748 was not cited in the article. The citation has now been inserted in **Materials and Methods**, Survey questionnaire, paragraph 1 and should read:

"An internet-based survey questionnaire (powered by www.wjx.cn) was developed to evaluate the patients' perceptions, expectations, and experiences with the DBS treatment and the IPG device they chose (r-IPGs vs. nr-IPGs and international vs. domestic brands). The questionnaire was designed with reference to the work of Jakobs et al. (5), and were adjusted according to the situation of Chinese patients. The questionnaire focused on the patients' satisfaction with the DBS treatment and the IPG of choice as well as four aspects of possible concern (patient affordability, prospect of further required surgeries to replace the battery, requirement for recharging the battery, and battery size) and the sources of information (e.g., clinical advice, electronic media) the patients considered in making decisions. Several extra questions were included in the questionnaire for patients with r-IPGs to collect their experiences with the battery recharging procedure, including how often they checked the battery capacity and the frequency, duration, and ease of recharging, as well as the occurrences that they forgot or were unable to recharge. The patients indicated their answers using a forced-choice dichotomous format or a 4- or 5-point Likert scale.

Qiu et al. 10.3389/fneur.2023.1309820

The questionnaire was distributed via the online chat platform WeChat. Participants completed the questionnaire after having received at least 8 months of DBS treatment. In most cases, it took no more than 30 min to complete the questionnaire."

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.

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.