



## OPEN ACCESS

EDITED AND REVIEWED BY  
Davide Pietropaoli,  
University of L'Aquila, Italy

\*CORRESPONDENCE  
Sucharitha Palanisamy  
✉ suchipalani123@gmail.com

RECEIVED 16 February 2025  
ACCEPTED 24 February 2025  
PUBLISHED 12 March 2025

CITATION  
Palanisamy S (2025) Corrigendum: Innovations in oral hygiene tools: a mini review on recent developments.  
Front. Dent. Med. 6:1577857.  
doi: 10.3389/fdmed.2025.1577857

COPYRIGHT  
© 2025 Palanisamy. This is an open-access article distributed under the terms of the [Creative Commons Attribution License \(CC BY\)](https://creativecommons.org/licenses/by/4.0/). 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: Innovations in oral hygiene tools: a mini review on recent developments

Sucharitha Palanisamy\*

Department of Periodontics and Oral Implantology, SRM Dental College and Hospital, Chennai, India

## KEYWORDS

toothbrush modifications, newer oral hygiene strategies, oral health technology, dental hygiene innovations, smart oral care devices

## A Corrigendum on Innovations in oral hygiene tools: a mini review on recent developments

By Palanisamy S (2024). Front. Dent. Med. 5:1442887. doi: 10.3389/fdmed.2024.1442887

In the published article, there was an error reporting the details in reference 33. A correction has been made in paragraph 2 **Oral hygiene aids, 2.2 Powered toothbrushes**. This sentence previously stated:

“Finally, Ralf Adam et al. (2020) found that a manual toothbrush recommended by the ADA was superior in plaque reduction compared to an innovative oscillating-rotating powered rechargeable toothbrush with micro-vibrations (33).”

The corrected sentence appears below:

“Finally, Ralf Adam et al. (2020) found that the novel O-R toothbrush with micro-vibrations resulted in a significantly greater plaque reduction compared to the manual toothbrush (33).”

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.