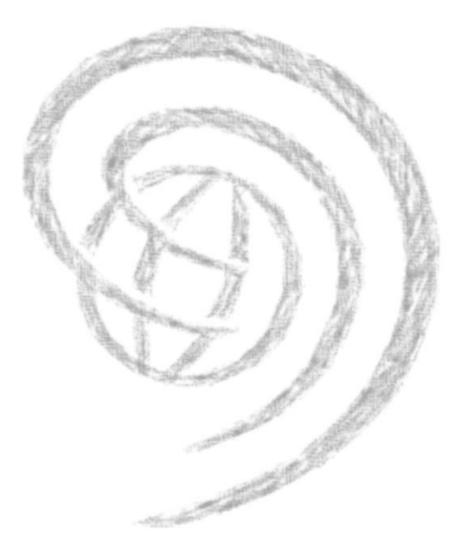
Preferred profile for hearing-aid technology suitable for low- and middle-income countries





# Preferred profile for hearing-aid technology suitable for low- and middle-income countries





Preferred profile for hearing-aid technology suitable for low- and middle-income countries

ISBN 978-92-4-151296-1

#### © World Health Organization 2017

Some rights reserved. This work is available under the Creative Commons Attribution-NonCommercial-ShareAlike 3.0 IGO licence (CC BY-NC-SA 3.0 IGO; <u>https://creativecommons.org/licenses/by-nc-sa/3.0/igo</u>).

Under the terms of this licence, you may copy, redistribute and adapt the work for non-commercial purposes, provided the work is appropriately cited, as indicated below. In any use of this work, there should be no suggestion that WHO endorses any specific organization, products or services. The use of the WHO logo is not permitted. If you adapt the work, then you must license your work under the same or equivalent Creative Commons licence. If you create a translation of this work, you should add the following disclaimer along with the suggested citation: "This translation was not created by the World Health Organization (WHO). WHO is not responsible for the content or accuracy of this translation. The original English edition shall be the binding and authentic edition".

Any mediation relating to disputes arising under the licence shall be conducted in accordance with the mediation rules of the World Intellectual Property Organization.

**Suggested citation**. Preferred profile for hearing-aid technology suitable for low- and middle-income countries. Geneva: World Health Organization; 2017. Licence: CC BY-NC-SA 3.0 IGO.

Cataloguing-in-Publication (CIP) data. CIP data are available at http://apps.who.int/iris.

**Sales, rights and licensing.** To purchase WHO publications, see <u>http://apps.who.int/bookorders</u>. To submit requests for commercial use and queries on rights and licensing, see <u>http://www.who.int/about/licensing</u>.

**Third-party materials.** If you wish to reuse material from this work that is attributed to a third party, such as tables, figures or images, it is your responsibility to determine whether permission is needed for that reuse and to obtain permission from the copyright holder. The risk of claims resulting from infringement of any third-party-owned component in the work rests solely with the user.

**General disclaimers.** The designations employed and the presentation of the material in this publication do not imply the expression of any opinion whatsoever on the part of WHO concerning the legal status of any country, territory, city or area or of its authorities, or concerning the delimitation of its frontiers or boundaries. Dotted and dashed lines on maps represent approximate border lines for which there may not yet be full agreement.

The mention of specific companies or of certain manufacturers' products does not imply that they are endorsed or recommended by WHO in preference to others of a similar nature that are not mentioned. Errors and omissions excepted, the names of proprietary products are distinguished by initial capital letters.

All reasonable precautions have been taken by WHO to verify the information contained in this publication. However, the published material is being distributed without warranty of any kind, either expressed or implied. The responsibility for the interpretation and use of the material lies with the reader. In no event shall WHO be liable for damages arising from its use.

## Contents

### Acknowledgements

#### **Executive summary**

#### **Background and purpose**

Hearing health services in low- and middle-income countries Hearing-aid market in LMICs Specific requirements for hearing aids for LMICs Purpose of the preferred profile

### Types and features of hearing aids

Types of hearing aid Hearing-aid features Hearing-aid cost Hearing-aid labelling Hearing-aid packaging Earmould types and features Hearing-aid repair Other factors to be considered for suitable provision of hearing aids

References and suggested reading

## Acknowledgements

This document, developed under the overall supervision and guidance of the World Health Organization, was written by Dr Bradley McPherson (University of Hong Kong, Hong Kong SAR, China) and Dr Jackie Clark (University of Texas at Dallas, Dallas, TX, USA, and University of the Witwatersrand, Johannesburg, South Africa). It was supported by other experts as part of WHO's Hearing Aid Technology Advisory Group: Dr Geoffrey Amedofu (Kwame Nkrumah University of Science and Technology, Kumasi, Ghana), Dr Douglas Beck (audiologist, USA), Dr Donna Carkeet (Ears Inc., Melbourne, Australia), Dr Patricia Castellanos de Munoz (Center for Audition and Phonetic Training, Guatemala City, Guatemala), Ms Elizabeth Convery (National Acoustic Laboratories, New South Wales, Australia), Dr Debra Fried (Mount Sinai Hospital, New York, USA) and Mr G Narayan Rao (Artificial Limbs Manufacturing Corporation, Kanpur, India). The document was reviewed within WHO by Dr Shelly Chadha, Dr Alarcos Cieza, Dr Etienne Krug and Dr Tamitza Toroyan; it was edited by Mrs Sarah Ballance.

# 预览已结束, 完整报告链接和二维码如下:



