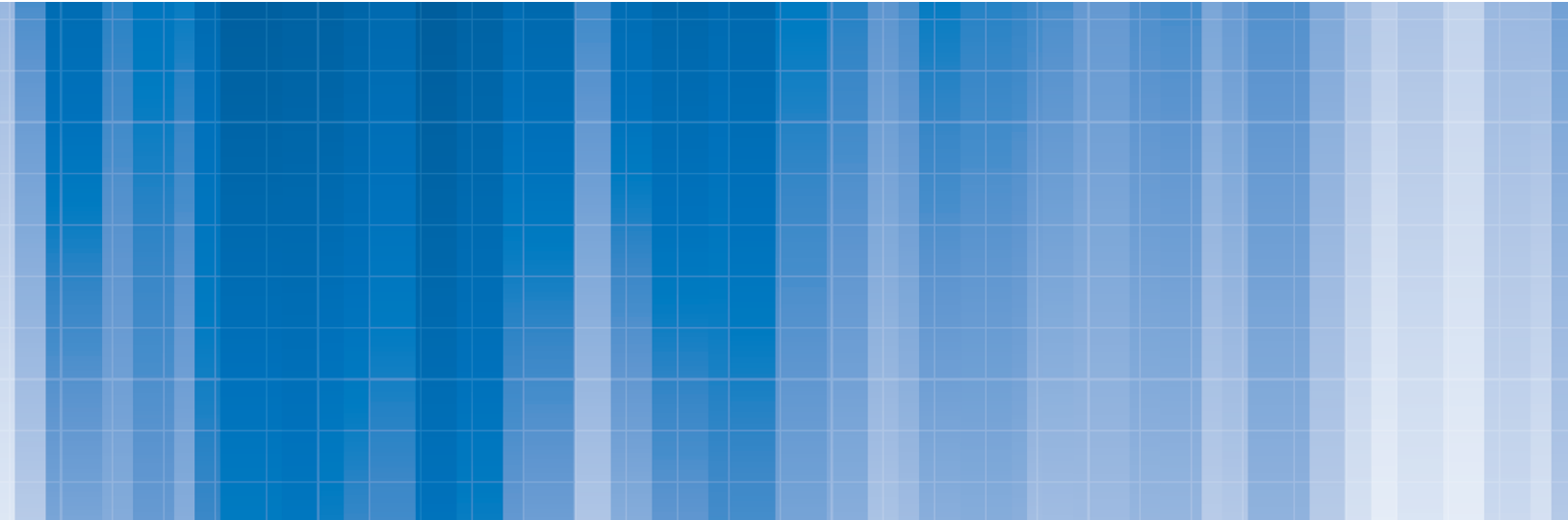


International Journal of
**Technology
Assessment
in Health Care**



**CAMBRIDGE
UNIVERSITY PRESS**

International Journal of Technology Assessment in Health Care

Official Journal of Health Technology Assessment International

Editor-in-Chief

Marjukka Mäkelä, M.D., Ph.D., M.Sc.

Research Professor, FINOHTA (Finnish Office for Health Technology Assessment)
at THL (National Institute for Health and Welfare)

P.O. Box 30

00271 Helsinki, Finland

Telephone: +358 29 524 7290

Email: marjukka.makela@thl.fi

Aims and Scope: The *International Journal of Technology Assessment in Health Care* has as its specific scope of interest the generation, evaluation, diffusion, and use of health care technology. It addresses the diverse audience of health care providers within medicine, public health, nursing, and the allied health professions; decision makers in government, industry, and health care organizations; and the scholarly disciplines such as ethics, economics, law, history, sociology, psychology, and engineering. The journal aims to fill the needs of those interested in the complexities of interaction between people and technology; technology as a force in social and organizational change; and technology as it is created, produced, applied, and paid for. It examines descriptively and analytically the effects of technology as perceived from the vantage point of different academic disciplines and policy-making organizations and examines methods necessary to conduct studies and evaluations of technology.

The focus of the journal is the international health care community. The experience of different countries in their encounter with health care technology, viewed comparatively, is invaluable to understanding its effects. Further, it is important to establish ties with the scholars, governments, and private institutions concerned with health care technology so that the experiences and learning of the international community in its parts can benefit the whole. The use of technology in health care has created some of the major dilemmas in society today. The journal serves as a forum for the wide range of professionals interested in the assessment of medical technology, its consequences for patients, and its impact on society.

Publishing, Advertising, and Subscription Offices: Cambridge University Press, One Liberty Plaza, Floor 20, New York, NY 10006, U.S.A. (for U.S.A., Canada, and Mexico); or Cambridge University Press, Journals Fulfillment Department, UPH, Shaftesbury Road, Cambridge CB2 8BS, UK (for U.K. and elsewhere).

2016 Subscription Information: *International Journal of Technology Assessment in Health Care* (ISSN 0266-4623) is

published bimonthly in February, April, June, August, October, and December by Cambridge University Press, One Liberty Plaza, Floor 20, New York, NY 10006; Cambridge University Press, Journals Fulfillment Department, UPH, Shaftesbury Road, Cambridge CB2 8BS, UK. Annual institutional subscription rates for Volume 32 (2016): Institutions online only US \$647.00, and online only UK and elsewhere £371.00. Individuals online only US \$310.00, and online only UK and elsewhere £174.00. Single part: US \$124.00 in the U.S.A., Canada and Mexico; UK £71.00 and elsewhere. Online only for all institutions. Print editions ceased in 2014. Back volume prices are available upon request. *International Journal of Technology Assessment in Health Care* and other Cambridge journals can be found at <http://journals.cambridge.org>

© Cambridge University Press 2016

All rights reserved. No part of this publication may be reproduced, in any form or by any means, electronic or otherwise, without permission in writing from Cambridge University Press. Policies, request forms, and contacts are available at: <http://www.cambridge.org/rights/permissions.permission.htm>

Permission to copy (for users in the U.S.A.) is available from Copyright Clearance Center, <http://www.copyright.com>, email: info@copyright.com.

Postmaster: Send address changes in the U.S.A. and Canada to: *International Journal of Technology Assessment in Health Care*, Journals Department, Cambridge University Press, One Liberty Plaza, Floor 20, New York, NY 10006, U.S.A. Send address changes elsewhere to: *International Journal of Technology Assessment in Health Care*, Cambridge University Press, Journals Fulfillment Department, UPH, Shaftesbury Road, Cambridge CB2 8BS, UK.

Founding Editors: Egon Jonsson and Stanley J. Reiser

CONTENTS

Assessments

- 371** Implication of alternative minimal clinically important difference threshold estimation methods on technology assessment
Diana Brixner, Eli O. Meltzer, Kellie Morland, Cathryn A. Carroll, Ullrich Munzel and Brian J. Lipworth
- 376** Influence of health technology assessment and its measurement
David Hailey, Sophie Werkö, Måns Rosén, Karen Macpherson, Susan Myles, Verónica Gallegos Rivero, Cecilia Hipólito-Olivares, Sinikka Sihvo, Jasmine Pwu, Wen-Wen Yang, Yong-Chen Chen, Ana Perez Galán, Alicia Aleman and Elena Villamil
- 385** Osteoporosis drugs marketed in the united states: Generic competition, pricing structure, and dispersion among payers
Bander Balkhi, Enrique Seoane-Vazquez and Rosa Rodriguez-Monguio

Methods

- 393** Patient-reported outcomes in rare lysosomal storage diseases: Key informant interviews and a systematic review protocol
Patricia A. Miller, Sohail M. Mulla, Thomasin Adams-Webber, Yasmin Sivji, Gordon H. Guyatt and Bradley C. Johnston
- 400** Incorporating environmental outcomes into a health economic model
Kevin Marsh, Michael Ganz, Emil Nørtoft, Niels Lund and Joshua Graff-Zivin

Erratum

- 407** Changing health technology assessment paradigms? Erratum
Don Husereau, Chris Henshall, Laura Sampietro-Colom and Sarah Thomas