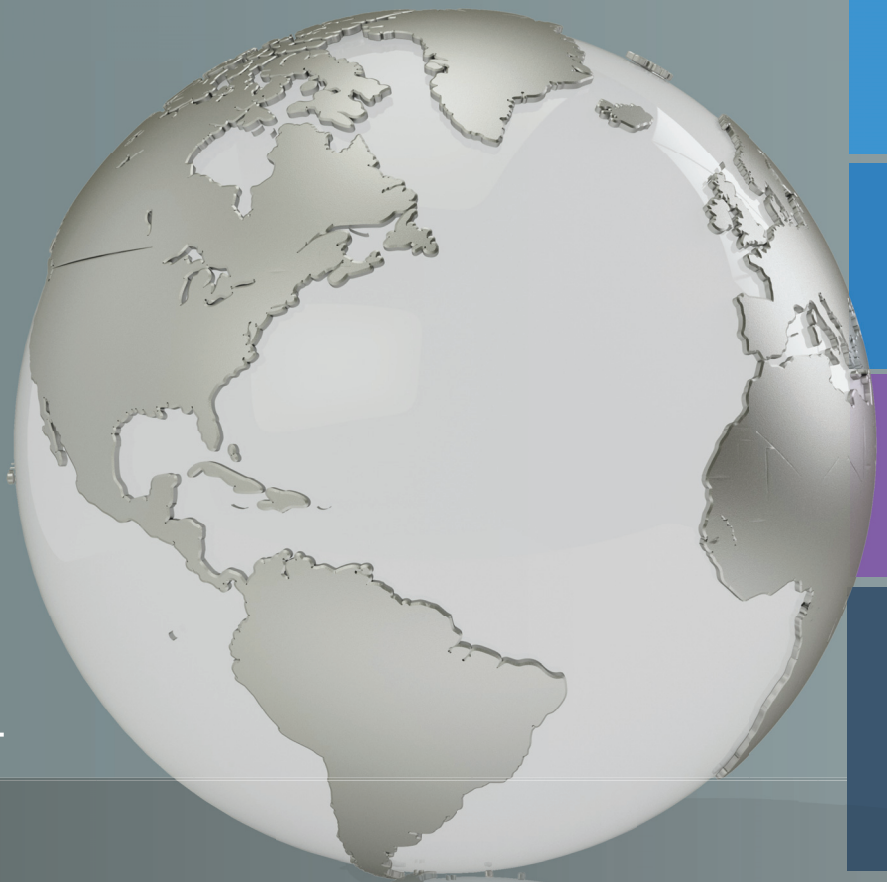
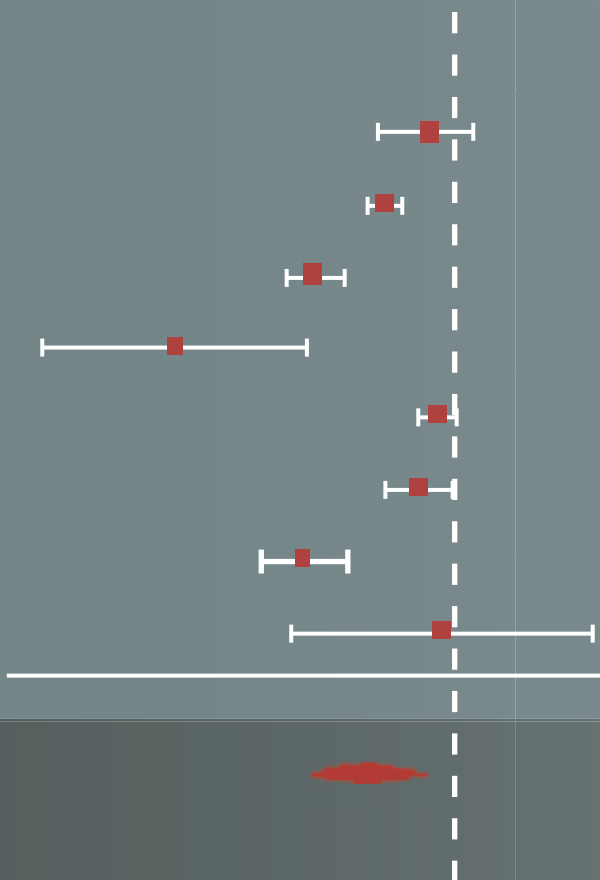




International Journal of

# Technology Assessment in Health Care



ISSN: 0266-4623

CAMBRIDGE  
UNIVERSITY PRESS

# International Journal of Technology Assessment in Health Care

Official Journal of Health Technology Assessment International

## Editor-in-Chief

**Wendy Babidge, BApp Sci (Hons), Ph.D., Grad Dip Bus, GAICD**

General Manager Research, Audit and Academic Surgery, Royal Australasian College of Surgeons

Adjunct Associate Professor, University of Adelaide

199 Ward St, North Adelaide South Australia 5006, Australia

Email: wendy.babidge@adam.com.au

**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).

**2018 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 34 (2018): Institutions online only US \$593.00, and online only UK and elsewhere £341.00. Individuals online only US \$343.00, and online only UK and elsewhere £193.00. Single part: US \$114.00 in the U.S.A., Canada and Mexico; UK £65.00 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 2018

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](mailto: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

### Policy

- 352** Overcoming the barriers to achieving universal health care in the asian region  
*Linda Mundy, Rebecca Trowman and Brendon Kearney*

### Methods

- 360** Quality assurance of registries for Health Technology Assessment  
*Kate L. Mandeville, Maja Valentic, Damir Ivankovic, Ivan Pristas, Jae Long and Hannah E. Patrick*
- 368** Evidence required by Health Technology Assessment and reimbursement bodies evaluating diagnostic or prognostic algorithms that include omics data  
*Alexandre Barna, Teresita M Cruz-Sanchez, Karen Berg Brigham, Cong-Tri Thuong, Finn Boerlum Kristensen and Isabelle Durand-Zaleski*

### Assessments

- 378** Health Technology Assessment unit processes for the validation of an information tool to involve patients in the safety of their care  
*Thomas G. Poder, Nathalie Carrier and Suzanne K. Bédard*
- 388** Value and performance of accountable care organizations: A cost-minimization analysis  
*Sonal Parasrampuria, Allison H. Oakes, Shannon S. Wu, Megha A. Parikh and William V. Padula*
- 393** Impact of Health Technology Assessment reports on hospital decision makers – 10-year insight from a hospital unit in Sherbrooke, Canada: Impact of health technology assessment on hospital decisions  
*Thomas G. Poder, Christian A. Bellemare, Suzanne K. Bédard, Jean-François Fisette and Pierre Dagenais*
- 400** Exposure in vivo versus pain-contingent physical therapy in Complex Regional Pain Syndrome Type I: A cost-effectiveness analysis  
*Marlies den Hollander, Noortje Heijnders, Jeroen R. de Jong, Johan W.S. Vlaeyen, Rob J.E.M. Smeets and Mariëlle E.J.B. Goossens*
- 410** Costs of home-based telemedicine programs: A systematic review  
*Tzeyu L. Michaud, Junmin Zhou, Molly A. McCarthy, Mohammad Siahpush and Dejun Su*
- 419** Assessing the value of innovative medical devices and diagnostics: The importance of clear and relevant claims of benefit  
*Bruce Campbell, Mark Campbell, Lee Dobson, Joanne Higgins, Bernice Dillon, Mirella Marlow and Chris J.D. Pomfrett*
- 425** Preferences of patients with multiple sclerosis for attributes of injectable multiple sclerosis treatments in the United Kingdom and France  
*Christine Poulos, Elizabeth Kinter, Johan van Beek, Katrine Christensen and Joshua Posner*