




Commentary

- 1  Second generation of intrauterine balloon tamponade: new perspective
Y Bakri, C B-Lynch, S Alouini

Medical devices

- 4 Double burden or single duty to care? Health innovators' perspectives on environmental considerations in health innovation design
L Rivard, P Lehoux, F A Miller
- 10 Initial experiences with virtual reality as a tool for observation in needs-driven health technology innovation
K H Perrone, K S Blevins, L Denend, R Fan, J Huelman, J K Wall

Health apps and mHealth


- 13 Head and neck cancer in the digital age: an evaluation of mobile health applications
J Fleming, J-P Jeannon
- 18 Attitudes towards digital health tools for outpatient cirrhosis management in patients with decompensated cirrhosis
P P Bloom, M Marx, T J Wang, B Green, J Ha, C Bay, R T Chung, J M Richter

- 26 Can Alexa, Cortana, Google Assistant and Siri save your life? A mixed-methods analysis of virtual digital assistants and their responses to first aid and basic life support queries
C Picard, K E Smith, K Picard, M J Douma

Assistive technologies

- 32 Electronic notifiable disease reporting system from primary care health centres in Qatar: a comparison of paper-based versus electronic reporting
M A Syed, H Al Mujalli, C Kieley, H A A/Qotba, K Elawad, D Ali, A M Idries, B Vilakazi

Review

- 39  Switching among branded and generic medication products during ongoing treatment of psychiatric illness
J Habert, H C Margolese, A Wilson, M Boucher, P Blier

Guidelines for Authors

Full instructions are available online at <http://innovations.bmj.com/ifora>. Articles must be submitted electronically <http://mc.manuscriptcentral.com/bmjinnov>. Authors retain copyright but are required to grant *BMJ Innovations* an exclusive licence to publish <http://journals.bmj.com/site/authors/editorial-policies.xhtml#copyright>

Editorial Office

BMJ Innovations
BMJ Publishing Group
BMA House, Tavistock Square
London WC1H 9JR, UK
E: info.innovations@bmj.com

Publisher

Christiane Notarmarco
BMJ Publishing Group
E: cnotarmarco@bmj.com
ISSN: 2055-8074 (print)
ISSN: 2055-642X (online)

Disclaimer: The Editor of *BMJ Innovations* has been granted editorial freedom and *BMJ Innovations* is published in accordance with editorial guidelines issued by the World Association of Medical Editors and the Committee on Publication Ethics. *BMJ Innovations* is primarily intended for healthcare professionals and its content is for information only. The Journal is published without any guarantee as to its accuracy or completeness and any representations or warranties are expressly excluded to the fullest extent permitted by law. Readers are advised to independently verify any information on which they choose to rely. Acceptance of advertising by *BMJ Innovations* does not imply endorsement. BMJ Publishing Group Limited shall not be liable for any loss, injury or damage howsoever arising from *BMJ Innovations* (except for liability which cannot be legally excluded).

Copyright: © 2020 BMJ Publishing Group Ltd. All rights reserved; no part of this publication may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise without prior permission.

BMJ Innovations is published by BMJ Publishing Group Ltd, typeset by Exeter Premedia Services Private Limited, Chennai, India.



This article has been chosen by the Editor to be of special interest or importance and is freely available online.



This article has been made freely available online under the BMJ Journals open access scheme. See <http://journals.bmj.com/site/authors/openaccess.xhtml>



COMMITTEE ON PUBLICATION ETHICS

This journal is a member of and subscribes to the principles of the Committee on Publication Ethics

www.publicationethics.org.uk



When you have finished with this magazine please recycle it.