



#### Editor in Chief

Kaveh Shojania (Canada)  
Mary Dixon-Woods (UK)

#### Editor Emeritus

David P Stevens (USA)

#### Social Media Editors

Joel Boggan (USA)  
David Metcalfe (UK)

#### Publisher

Janet O' Flaherty

#### Associate Publisher

Claire Langford

#### Editorial Advisory Board

Elizabeth Bradley (USA)  
Pascale Carayon (USA)  
Frank Davidoff (USA)  
Tejal Gandhi (USA)  
Alison Holmes (UK)  
Philippe Michel (France)  
Martin Roland (UK)  
Gordon Schiff (USA)  
David Studdert (USA)  
Eric Thomas (USA)  
Richard Thomson (UK)  
Charles Vincent (UK)  
Robert Wachter (USA)  
Cordula Wagner (Netherlands)

#### Guidelines for Authors and Reviewers

Full instructions are available online at <http://qualitysafety.bmj.com/pages/authors/>. Articles must be submitted electronically <http://mc.manuscriptcentral.com/bmjqs>. Authors retain copyright but are required to grant *BMJ Quality & Safety* an exclusive licence to publish.

Twitter: @BMJ\_Qual\_Saf

Impact factor: 7.043

**Disclaimer:** *BMJ Quality & Safety* is owned and published by BMJ Publishing Group, a wholly owned subsidiary of the British Medical Association, and Medtrist Innovations Ltd, a wholly owned subsidiary of the Health Foundation (Registered charity number 286967). The owners grant editorial freedom to the Editor of *BMJ Quality & Safety*.

*BMJ Quality & Safety* follows guidelines on editorial independence produced by the World Association of Medical Editors and the code on good publication practice of the Committee on Publication Ethics.

*BMJ Quality & Safety* is intended for medical professionals and is provided without warranty, express or implied. Statements in the journal are the responsibility of their authors and advertisers and not authors' institutions, the BMJ Publishing Group Ltd, the BMA, Medtrist Innovations Ltd or the Health Foundation unless specified or determined by law. Acceptance of advertising does not imply endorsement.

To the fullest extent permitted by law, the BMJ Publishing Group or Medtrist Innovations Ltd shall not be liable for any loss, injury or damage resulting from the use of *BMJ Quality & Safety* or any information in it whether based on contract, tort, or otherwise. Readers are advised to verify any information they choose to rely on.

# **BMJ Quality & Safety** (formerly *Quality and Safety in Health Care*) was founded in 1992 to meet the growing need for a journal to reflect and report initiatives to improve quality of health care. It is an interdisciplinary journal with an international readership and contributions from all healthcare professions

## Senior Editors

Bryony Dean Franklin (UK)  
Perla Marang-van de Mheen  
(The Netherlands)

Leora Horwitz (USA)

## Associate Editors

Emily L Aaronson (USA)  
Gary Abel (UK)  
Natalie Armstrong (UK)  
Robert Burke (USA)  
Jason Etchegaray (USA)  
Rebecca Lawton (UK)  
Yoryos Lyratzopoulos (UK)  
Milisa Manojlovich (USA)  
Rupert Pearse (UK)

Michael Rosen (USA)  
Christine Soong (USA)  
Tim Stokes (NZ)  
Carolyn Tarrant (UK)  
Patricia Trbovich (Canada)  
Victoria Valencia (USA)  
Douglas Wakefield (USA)  
Tom Woodcock (UK)

## Subscription Information

*BMJ Quality & Safety* is published monthly (subscribers receive all supplements)

### Institutional Rates 2019

Print  
£706

#### Online

Site licences are priced on FTE basis and allow access by the whole institution. Details available online at <http://qualitysafety.bmj.com/pages/subscribe/> or please contact our subscriptions department.

Residents of some EC countries must pay VAT; for details, call us or visit <http://qualitysafety.bmj.com/pages/subscribe/>

For more information on subscription rates or to subscribe online please visit [qualitysafety.bmj.com/pages/contact-us](http://qualitysafety.bmj.com/pages/contact-us)

### Personal Rates 2019

Print (includes online access at no additional cost)  
£313

Online Only  
£87

ISSN 2044-5415 (print)  
ISSN 2044-5423 (online)

Personal print or online only and institutional print subscriptions may be purchased online at <http://qualitysafety.bmj.com/pages/subscribe/> (payment by Mastercard/Visa only)

**Copyright:** © 2019 BMJ Publishing Group Ltd and the Medtrist Innovations 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 of *BMJ Quality & Safety*. *BMJ Quality & Safety* is published by BMJ Publishing Group Ltd, typeset by Exeter Premedia Services Private Ltd, Chennai, India and printed in the UK on acid-free paper.

*BMJ Quality & Safety* (ISSN 2044-5415) is published monthly by BMJ Publishing Group and distributed in the USA by Air Business Ltd. Periodicals postage paid at Jamaica NY 11431 POSTMASTER: send address changes to *BMJ Quality and Safety*, Air Business Ltd, c/o WN Shipping USA, 156-15, 146th Avenue, 2nd Floor, Jamaica, NY 11434, USA

Medtrist Innovations Ltd and the Health Foundation, 90 Long Acre, London WC2E 9RA. 020 7257 8000 [info@health.org.uk](mailto:info@health.org.uk). [www.health.org.uk](http://www.health.org.uk)

## Contact Details

### Editorial Office

*BMJ Quality & Safety*  
BMJ Journals, BMA House, Tavistock Square  
London, WC1H 9JR, UK  
E: [info.bmjqs@bmj.com](mailto:info.bmjqs@bmj.com)

### Senior Production Editor

Tim Stokes (NZ)  
Nabajyoti Singh  
E: [production.bmjqs@bmj.com](mailto:production.bmjqs@bmj.com)

### Customer support

For general queries and support with existing and new subscriptions:

W: [support.bmj.com](mailto:support.bmj.com)

T: +44 (0)20 7111 1105

E: [support@bmj.com](mailto:support@bmj.com)

### Self-archiving and permission

W: [bmj.com/company/products-services/rights-and-licensing/](http://bmj.com/company/products-services/rights-and-licensing/)  
E: [bmj.permissions@bmj.com](mailto:bmj.permissions@bmj.com)

### Advertising

W: [bmj.com/company/for-advertisers-and-sponsor/](http://bmj.com/company/for-advertisers-and-sponsor/)

#### Display Advertising ROW

Sophie Fitzsimmons  
T: +44 (0)20 3655 5612  
E: [sfzsimmons@bmj.com](mailto:sfzsimmons@bmj.com)

#### Online Advertising ROW

Marc Clifford  
T: +44 (0) 20 3655 5610  
E: [mclifford@bmj.com](mailto:mclifford@bmj.com)

#### Display & Online Advertising Americas

American Medical Communications (AMC)  
T: +1 973 214 4374  
E: [rgordon@americanmedicalcomm.com](mailto:rgordon@americanmedicalcomm.com)

### Reprints

#### Author Reprints

BMJ Reprints Team  
E: [admin.reprints@bmj.com](mailto:admin.reprints@bmj.com)

#### Commercial Reprints ROW

Nadia Gurney-Randall  
M: +44 (0)7866 262 344  
E: [ngurneyrandall@bmj.com](mailto:ngurneyrandall@bmj.com)

#### Commercial Reprints Americas

Ray Thibodeau  
T: +1 267 895 1758  
M: +1 215 933 8484  
E: [ray.thibodeau@contentednet.com](mailto:ray.thibodeau@contentednet.com)

### For all other journal contacts

<http://qualitysafety.bmj.com/pages/contact-us>