



#### Editors in Chief

Bryony Dean Franklin (UK)  
Eric J Thomas (USA)

#### Editors Emeritus

Kaveh Shojania (Canada)  
David P Stevens (USA)  
Mary Dixon Woods (UK)

#### 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)  
Gordon Schiff (USA)  
David Studdert (USA)  
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](https://twitter.com/BMJ_Qual_Saf)

Impact factor: 7.418

**Disclaimer:** The Editor of *BMJ Quality & Safety* has been granted editorial freedom and *BMJ Quality & Safety* is published in accordance with editorial guidelines issued by the World Association of Medical Editors and the Committee on Publication Ethics. *BMJ Quality & Safety* 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 Quality & Safety* does not imply endorsement. Neither *The Health Foundation* nor BMJ Publishing Group Limited shall have any liability for any loss, injury or damage howsoever arising from *BMJ Quality & Safety* (except for liability which cannot be legally excluded).

**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

John Browne (Ireland)

#### Senior Methods Editor

Perla Marang-van de Mheen  
(The Netherlands)

#### Associate Editors

Emily L Aaronson (USA)  
Natalie Armstrong (UK)  
Alex Bottle (UK)  
Antoine Duclos (France)  
Brigid Gillespie (Australia)  
Rebecca Lawton (UK)  
Milisa Manojlovich (USA)  
Sheena McHugh (Ireland)  
Enid Montague (USA)

Jennifer Myers (USA)  
Sumant Ranji (USA)  
Michael Rosen (USA)  
Christine Soong (USA)  
Timothy Stephens (UK)  
Julia E Szymczak (USA)  
Carolyn Tarrant (UK)  
Patricia Trbovich (Canada)  
Tom Woodcock (UK)

#### Subscription Information

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

#### Institutional Rates 2022

Print  
£788

#### 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 2022

Print (includes online access at no additional cost)  
£350

Online Only  
£178

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:** © 2022 BMJ Publishing Group Ltd and Medtrust Innovations Ltd, a wholly owned subsidiary of The Health Foundation (registered charity number: 286967). All rights reserved; no part of this publication may be reproduced in any form without permission.

*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 (USPS 18342) is published monthly by BMJ Publishing Group Ltd, BMA House, Tavistock Square, WC1H 9JR London. Airfreight and mailing in the USA by agent named World Container Inc, 150-15, 183rd Street, Jamaica, NY 11413, USA. Periodicals postage paid at Brooklyn, NY 11256. US Postmaster: Send address changes to *BMJ Quality & Safety*, World Container Inc, 150-15, 183rd Street, Jamaica, NY 11413, USA. Subscription records are maintained at BMA House, Tavistock Square WC1H 9HR London. Air Business Ltd is acting as our mailing agent

Medtrust 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)

##### Production Editor

Joshua Brown  
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: [sfitzsimmons@bmj.com](mailto:sfitzsimmons@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>