

# Heart

Journal of the British Cardiovascular Society

## Editor

Adam D Timmis

## Deputy Editor

John E Sanderson

## Commissioning Editor

Iqbal Malik

## Associate Editors

Jeroen Bax, Michael Burch,  
Keith Channon, Andrew Clark,  
Stuart Cook, Brian Griffin, Bernard  
Keavney, Charles Knight,  
Reg Liew, Jim Nolan, Jill Pell,  
Raphael Rosenhek, Cheuk-Man Yu

## Technology and Guidelines in Heart

Ceri Davies

## Images in Cardiology

Ajay Jain, Andrew Wragg

## Correspondence Editor

Michael Burch

## JournalScan

Alistair Lindsay

## Statistical Advisor

Alex McConnachie

## Education in Heart

## Series Editor

Peter Mills

## Project Manager

John Weller

## Section Editors

Jeroen Bax, Josep Brugada,  
Martin Cowie, Christian Hamm, Frank  
Ruschitzka, Catherine M Otto, Alec  
Vahanian, Christopher Wren

**Aims and Scope:** Heart is an international journal of cardiology. Clinical cardiology is its central theme; however, Heart also publishes basic science papers with a clear clinical application

## International Advisory Board

F Andreotti (Italy)

P Bagger (UK)

S Bhandari (India)

G Baxter (UK)

M Bennett (UK)

J Bermejo (Spain)

P Camici (UK)

D Celermajer (New Zealand)

S Connolly (Canada)

M Cowie (UK)

N Danchin (France)

C di Mario (UK)

J Floras (Canada)

K Fox (UK)

W H Fung (Hong Kong)

R J Gibbons (USA)

P Grayburn (USA)

J Gunn (UK)

J W Ha (Republic of Korea)

L Harris (Canada)

H Hemingway (UK)

M Hori (Japan)

P Jais (France)

K Karsch (UK)

J Carlos Kaski (UK)

S Kaul (USA)

B Keogh (UK)

P Kistler (Australia)

R Kloner (USA)

M Komajda (France)

C Choy Lang (UK)

G A Lanza (Italy)

C Leclercq (France)

M Legget (New Zealand)

G Lip (UK)

P Ludman (UK)

T Luscher (Switzerland)

P MacCarthy (UK)

A Maggioni (Italy)

B Maron (USA)

T Marwick (Australia)

B M Mayosi (South Africa)

W McKenna (UK)

J McMurray (UK)

B Meier (Switzerland)

J-L Monin (France)

M Mullen (UK)

B Munt (Canada)

A Murday (UK)

S Neubauer (UK)

D Newby (UK)

C Newman (UK)

S Ohri (UK)

D Pennell (UK)

P Pibarot (Canada)

M F Piepoli (UK)

D Poldermans (The Netherlands)

B Prendergast (UK)

P Punjabi (UK)

S Redwood (UK)

D Sahn (USA)

J Scott (UK)

U Sechtem (Germany)

A Shah (UK)

P K Shah (USA)

L D R Smith (UK)

J Soler-Soler (Spain)

C Stefanadis (Greece)

W H W Tang (USA)

J Thomas (USA)

S Thorne (UK)

E Topol (USA)

P Tornos (Spain)

D Tousoulis (Greece)

M Turner (UK)

A Vahanian (France)

P Vardas (Greece)

S Viskin (Israel)

N Watanabe (Japan)

H Watkins (UK)

G Webb (Canada)

H White (New Zealand)

W Wijns (Belgium)

P Wilkinson (UK)

J Yoshikawa (Japan)

S Yusuf (Canada)

Y Zhang (China)

Editor: BMJ

## Contact Details

### Editorial Office

Heart, BMJ Publishing Group Ltd,  
BMA House, Tavistock Square,  
London WC1H 9JR, UK

T: +44 (0)20 7383 6235

F: +44 (0)20 7383 6668

E: [heartjournal@bmjgroup.com](mailto:heartjournal@bmjgroup.com)

### British Cardiovascular Society

9 Fitzroy Square  
London W1T 5HW, UK

T: +44 (0)20 7383 3887

F: +44 (0)20 7388 0903

E: [enquiries@bcs.com](mailto:enquiries@bcs.com)

[www.bcs.com](http://www.bcs.com)

### Permissions

<http://journals.bmj.com/misc/permissions.dtl>

### Subscriptions (except USA)

Subscription Manager,

BMJ Journals

BMJ Publishing Group,

PO BOX 299

London WC1H 9TD, UK

T: +44 (0)20 7383 6270

F: +44 (0)20 7383 6402

E: [subscriptions@bmjgroup.com](mailto:subscriptions@bmjgroup.com)

<http://group.bmj.com/group/subs-sales>

### US Subscriptions

PP&F PO Box 361,

Birmingham, AL 35201-0361

T: +1 800 358 6473 (toll free in the USA)

F: +1 205 995 1588

E: [bmj-clinicalevidence@ebSCO.com](mailto:bmj-clinicalevidence@ebSCO.com)

### Advertising

T: +44 (0)20 7383 6181

F: +44 (0)20 7383 6556

E: [ecurrer@bmjgroup.com](mailto:ecurrer@bmjgroup.com)

<http://group.bmj.com/group/advertising>

### Supplement Enquiries

T: +44 (0)20 7383 6088

F: +44 (0)20 7383 6668

E: [journals@bmjgroup.com](mailto:journals@bmjgroup.com)

### Author Reprints

Reprints Administrator

T: +44 (0)150 251 5161

F: +44 (0)207 554 6185

E: [admin.reprints@bmjgroup.com](mailto:admin.reprints@bmjgroup.com)

### Commercial Reprints (except USA & Canada)

Nadia Gurney-Randall

T: +44 (0)20 8445 5825

F: +44 (0)20 8445 5870

M: 07866 262344

E: [ngurneyrandall@bmjgroup.com](mailto:ngurneyrandall@bmjgroup.com)

### Commercial Reprints (USA & Canada)

Marsha Fogler

T: +1 800 482 1450 (toll free in the USA)

T: +1 856 489 4446 (outside the USA)

F: +1 856 489 4449

E: [fogler@medicalreprints.com](mailto:fogler@medicalreprints.com)