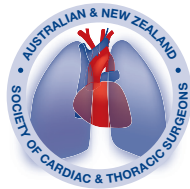


Heart Lung and Circulation



Australian and New Zealand Society of
Cardiac and Thoracic Surgeons



The Cardiac Society of
Australia and New Zealand

Official Journal of
Cardiac Society of Australia and New Zealand and the
Australian and New Zealand Society of Cardiac and Thoracic Surgeons

Affiliated Journal of
National Heart Foundation of Australia

Editor-in-Chief
A. Robert Denniss, *Sydney, Australia*

Previous Editors-in-Chief
Franklin Rosenfeldt (1991–2003) and Richmond Jeremy (2004–2011)

Editors

Cardiology

Clare Arnott
James Chong
Gemma Figtree
Eddy Kizana
Harry Lowe
William Parsonage
Aaron Sverdlov

Genomics and Precision Medicine

John Atherton

Interventional Cardiology

Ravinay Bhindi
Allan Davies
Andrew TL Ong
Peter Psaltis

Heart Rhythm

Kim Chan
Haris Haqqani
Saurabh Kumar
Dennis Lau

Cardiothoracic Surgery

John Alvarez
Andrew Cochrane
Adam El Gamel
Jai Raman
Alistair Royse

Paediatric Cardiology and Surgery

Michael Cheung
Ajay Iyengar
Robert Justo

Cardiac Imaging

Tony Stanton
Liza Thomas
John Younger

Basic Cardiovascular Science

Salvatore Pepe

Indigenous Cardiovascular Health

Anna Rolleston
William Wang

Sports Cardiology

Rachel Climie
Andre La Gerche

Cardiovascular Nursing

Caleb Ferguson

Allied Health

Julie Redfern

Editorial Office address:

Heart, Lung and Circulation
Suite 4, Level 12, 189 Kent Street
Sydney NSW 2000

Email: journal@csanz.edu.au

Commissioning Editor

Ann Gregory

Editorial Manager

Deborah Edward

For submission instructions, bibliographic and subscription information please go to: www.elsevier.com/locate/hlc

For **Institutional Subscribers** the Journal is available Online at: www.sciencedirect.com

Non Subscribers may access FREE Table of Contents, Abstracts and Sample Copies at www.sciencedirect.com

Available online at www.sciencedirect.com

Editorial Board

Con Aroney, *Brisbane, Australia*
Jeroen Bax, *Leiden, Netherlands*
Bianca Bernardo, *Melbourne, Australia*
Alex Brown, *Adelaide, Australia*
Christina Bursill, *Adelaide, Australia*
Maurizio Capogrossi, *Baltimore, USA*
Sungwon Chang, *Sydney, Australia*
Fadi Charchar, *Ballarat, Australia*
Patricia Davidson, *Wollongong, Australia*
Ben Freedman, *Sydney, Australia*
Scott Harding, *Wellington, NZ*
Livia Hool, *Perth, Australia*
Garry Jennings, *Melbourne, Australia*
Rajesh Katare, *Dunedin, NZ*
Simon Knight, *Melbourne, Australia*
Len Kritharides, *Sydney, Australia*
Yeung Leng Lim, *Singapore*
Scott Levick, *Sydney, Australia*
Peter Macdonald, *Sydney, Australia*
Lauren May, *Melbourne, Australia*
Christian Mussap, *Sydney, Australia*
Jonathan Mynard, *Melbourne, Australia*
Benjamin Ng, *Sydney, Australia*

Doan Ngo, *Newcastle, Australia*
Jason Peart, *Southport, Australia*
Martin Vila Petroff, *La Plata, Argentina*
Anna Pilbrow, *Christchurch, New Zealand*
Melissa Reichelt, *Brisbane, Australia*
A. Mark Richards, *Christchurch, New Zealand*
Peter Ruygrok, *Auckland, NZ*
Ryan Schrale, *Townsville, Australia*
Joseph Selvanayagam, *Adelaide, Australia*
Peter Thompson, *Perth, Australia*
Eugene Du Toit, *Southport, Australia*
Elmer Villanueva, *Suzhou, China*
Helena Viola, *Perth, Australia*
Mingyi Wang, *Baltimore, USA*
Michael Ward, *Sydney, Australia*
Kate Weeks, *Melbourne, Australia*
Gillian Whalley, *Dunedin, NZ*
Harvey White, *Auckland, NZ*
Michael Williams, *Dunedin, NZ*
Gavin Wright, *Melbourne, Australia*
Magdi Yacoub, *London, UK*
Dimitry Zorov, *Moscow, Russia*

Peer Review Fellows*

Usaid Allahwala*, *Sydney, Australia*
Mohammed Al-Omary*, *Newcastle, Australia*
Jennifer Barraclough, *Sydney, Australia*
Aaisha Ferkh, *Sydney, Australia*
Celine Gallagher*, *Adelaide, Australia*
David Holland, *Brisbane, Australia*
Karice Hyun, *Sydney, Australia*
Julia Isbister*, *Sydney, Australia*
Katharine Kott*, *Sydney, Australia*

Melissa Lee**, *Melbourne, Australia*
Jarmon Lees*, *Melbourne, Australia*
Lana McClements*, *Sydney, Australia*
Adam Nelson, *Melbourne, Australia*
Stephanie Partridge, *Sydney, Australia*
Ross Roberts-Thomson, *Adelaide, Australia*
Anna Singleton, *Sydney, Australia*
Richard Tan*, *Sydney, Australia*
Trent Williams, *Newcastle, Australia*

*Inaugural Peer Review Fellow

**Inaugural Editorial Fellow