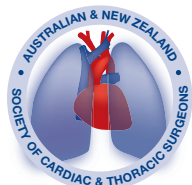


Heart Lung and Circulation



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

James Chong
Gemma Figtree
Eddy Kizana
Harry Lowe
William Parsonage
Aaron Sverdlow

Genomics and Precision Medicine

John Atherton

Interventional Cardiology

Ravinay Bhindi
Andrew TL Ong
Peter Psaltis
Jim Stewart

Heart Rhythm

Kim Chan
Haris Haqqani

Cardiothoracic Surgery

John Alvarez
Andrew Cochrane
Adam El Gamel
Jai Raman
Alistair Royle

Paediatric Cardiology and Surgery

Michael Cheung
Yves D'Udekem
Ajay Iyengar
Robert Justo

Cardiac Imaging

Daniel Friedman
Joseph Selvanayagam
Tony Stanton

Basic Cardiovascular Science

Salvatore Pepe

Indigenous Cardiovascular Health

Anna Rolleston
Warren Walsh

Cardiovascular Nursing

Patricia Davidson

Allied Health

Julie Redfern

Sports Cardiology

Andre La Gerche

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

Editorial Board

Con Aroney, *Brisbane, Australia*
Jeroen Bax, *Leiden, Netherlands*
Alex Brown, *Adelaide, Australia*
Maurizio Capogrossi, *Baltimore, USA*
Fadi Charchar, *Ballarat, 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*
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*
A Mark Richards, *Christchurch, NZ*
Peter Ruygrok, *Auckland, NZ*
Ryan Schrale, *Townsville, Australia*

Liza Thomas, *Sydney, Australia*
Peter Thompson, *Perth, Australia*
Eugene Du Toit, *Southport, Australia*
Elmer Villanueva, *Suzhou, China*
Michael Ward, *Sydney, 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*

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

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

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

Available online at www.sciencedirect.com

Printed by Markono Print Media Pte Ltd, Singapore

ScienceDirect