

# On the **PULSE**

The official newsletter of the Cardiac Society of Australia and New Zealand

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*Editorial by Prof Stephen Nicholls*

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DYSFUNCTION**



Volume 34 , No 3    December 2021

# ADVOCATING THROUGH

*Editorial by Prof Stephen Nicholls*

Over the past 12-18 months we have navigated through disruption, change and adaptation in our clinical practice, research activities and education. Flexibility and agility have been key from telehealth, working from home, endless Zoom meetings and virtual scientific meetings. While we've missed the opportunities to network with colleagues outside our state and country borders, the strength of the Cardiac Society of Australia and New Zealand (CSANZ) during these challenging times has been evidenced particularly in advocating for the profession.

Cardiac complications after mRNA COVID-19 vaccination have impacted cardiology practice this year. In July, as the number of myocarditis and pericarditis cases post-mRNA vaccination were increasing, the CSANZ was invited by ATAGI to be represented on its vaccine safety, evaluation, monitoring and confidence subgroup and I wish to acknowledge the work of A/Prof Sudhir Wahi who fulfilled this role and A/Prof Rajesh Puranik, CSANZ Clinical Practice Advisor. The joint ATAGI-CSANZ Guidance on Myocarditis and Pericarditis after mRNA COVID-19 vaccines was produced in July, 2021 and updated in November. [Click through to current guideline here](#)

The CSANZ continued to lobby the Australian Government for equitable access to cardiac MRI for myocarditis and pericarditis associated with COVID-19 infection or mRNA vaccines. The result of the campaign is that a new item number for cardiac MRI for diagnosing myocarditis after mRNA vaccination will be added to the MBS from 1 January 2022. This will have a significant impact on improving practice, patient diagnosis and care.

The CSANZ is currently working with the National Centre for Immunisation Research and Surveillance (NCIRS) on the implementation of a myocarditis/pericarditis post-vaccine registry. The registry will be important to describe longer-term outcomes in persons with myocarditis after mRNA COVID-19 vaccination in order to further assess the benefit-risk balance of the vaccination. This information will also be useful to inform clinical guidance for COVID-19 vaccination.

# A PANDEMIC

Other practice issues include the changes to the prosthesis list. The Australian Government will be implementing changes over the next three years from mid-2022 to close the gap in price between private and public for cardiac implanted electronic devices (CIEDs). The CSANZ has been liaising with government on this important issue which has implications for on-going device monitoring services.

New item descriptors for coronary angiography and PCI were introduced on the MBS on 1 July, 2021. The three major issues with regards interventional cardiology were the move to inclusion criteria, cost neutrality of moving to a single item descriptor for a complete service, and PCI changing to a per territory model. CSANZ was represented on the government's Implementation Liaison Group (ILG) by Prof Michael Feneley and other members included an independent group of cardiologists represented by Dr Mark Pitney and Prof Roger Allan. These representatives worked collaboratively with the Department of Health to solve many difficult and complex issues prior to implementation.

The cardiology community has been strengthened by the experience of the past year and the CSANZ continues to play an integral role as the peak body on issues affecting cardiology practice. We look ahead to 2022 and the 70th anniversary of the CSANZ with great anticipation and the hope that we can come together in person at the Gold Coast in August for the Annual Scientific Meeting.

## On the Pulse Magazine

For information regarding submissions for  
On the Pulse please email us: [info@csanz.edu.au](mailto:info@csanz.edu.au)

Views expressed in On the Pulse are not necessarily  
the views of the Cardiac Society of Australia and New  
Zealand or its Board.



Stephen Nicholls  
Editor



**THE CSANZ BOARD AND STAFF WISH  
ALL OUR MEMBERS AND THEIR FAMILIES**

# **A HEALTHY & SAFE HOLIDAY SEASON**

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**THE CSANZ OFFICES WILL BE CLOSED FROM**

**SYDNEY: 24 DECEMBER 2021 - 3 JANUARY 2022**

**WELLINGTON: 17 DECEMBER 2021 - 17 JANUARY 2022**



# NOTES FOR THE DIARY IN 2022

(Blue - Australia / NZ Meetings    Green - International Meetings)

- January**    21 - 22 Jan: HEART Course - Higher Education in CARdiology Training
- February**    2 Feb : CSANZ NSW Education Committee – Webinar  
14 - 16 Feb : ECHO Australia Conference  
18 - 19 Feb : 4CC meeting  
26 Feb : CSANZ Tasmania Education Day
- April**    2 - 4 April : ACC.22  
27 - 30 April : International Society for Heart Lung Transplantation (ISHLT)
- May**    11 - 13 May : ICCG 2022  
21 - 24 May : ESC Heart Failure Meeting  
22 - 23 May : ESC EuroHeartCare Congress
- June**    11 - 14 June : CSANZ NZ ASM 2022
- August**    11 - 14 August : CSANZ ASM 2022  
12 - 14 August : ANZET 2022  
26 - 29 August : ESC Congress 2022
- November**    5 - 7 Nov: AHA 2022  
16 - 19 Nov: 3SCTS 2022 - Tri-Society Cardiac & Thoracic Symposium

We look forward to presenting our members with the [CSANZ 70th Anniversary Podcast and Video Series in 2022](#) - an educational program providing an Australasian perspective on current cardiology issues - interview and discussion with the experts.

Plus a new online seminar series will commence in January 2022, the [National Heart School Education Seminar Series](#), for Cardiology Advanced Trainees across Australia and New Zealand.

Details will be published in the e-News from January 2022

# New Zealand - COVID-19 Update

*by Dr Selwyn Wong*

New Zealand had an initial short COVID-19 outbreak in March to May 2020 which was small (total of approximately 1500 cases with peak case-numbers of 205 (March 25)). The direct impact of COVID on cardiology care in New Zealand has fortunately been small. However, like all branches of medicine the contingency planning was constant. Practically, there was separation of workforce, familiarisation with PPE-usage and infection control protocols, working from home and non-face-to-face consultation. Educational meetings were postponed or cancelled. There was a short sharp reduction in the volume of planned care. A transition to telehealth was initially acceptable to clinicians and patients but fortunately short-lived. From mid-2020 to mid-2021 there was a period of 'business as usual' – and for much of the public sector this included a catch-up on the planned care services that had been reduced during the autumn 2020 lockdown.

Unfortunately, the NZ Regional Annual Scientific Meeting planned for June 2020 was cancelled. The Society had to make do with just two virtual sessions (Young Investigator and Affiliates Prizes). The AGM was via Zoom. In December 2020, New Zealand free internal travel allowed a successful and well-attended HUB to be held in Wellington supporting CSANZ 2020 'Gold Coast'. An actual gathering was a privilege - direct connection with colleagues cannot be substituted for by endless videoconferencing or virtual education. This was further demonstrated by a highly successful and well-attended NZ Regional ASM in June 2021 in Rotorua. An excellent scientific program was matched by the joy of delegates rediscovering proper social and professional interaction.

Roll-out of the Pfizer mRNA-vaccine in NZ began February 20, 2021. The Trans-Tasman travel bubble opened April 19 with great optimism. At the time the approximate vaccination number was just 185,000 (including 43,000 second doses).

The arrival of the Delta variant plunged the country into a hard-lockdown in mid-August 2021. This finally accelerated vaccination rates and currently the country is close to 90% of the population with at least 2 Pfizer doses – albeit there remain regional and ethnic disparities. As of late November, the Delta outbreak has numbered approximately 8200 and there is a flattening of cases and hospitalisations.

The vast majority of cases have been in metropolitan Auckland. The approximate total number of hospitalisations during the whole pandemic is just 590 with 50 ICU admissions. During the Delta outbreak, each of Auckland's three major hospitals will have up to 40 patients with COVID in any one day. Hence, only the cardiologists in Auckland will have dealt with more than a handful of active COVID patients with most NZ cardiologists being minimally exposed professionally or to the virus itself. Whilst New Zealand's cases of death number only 44, the often young age (particularly in South Auckland) and the pulmonary destruction of those dying in hospital are a sobering reminder of the potential seriousness of the virus. More clinical activity has been generated from symptomatic patients post-vaccine (the non-mRNA AstraZeneca option was made available only from November 29). The CSANZ endorsed ATAGI Guidance on Myocarditis and Pericarditis After mRNA COVID-19 Vaccines has been a valuable resource. Efforts toward a national registry are underway. Additionally, as cases increase, the number of long-COVID sufferers with autonomic or thrombotic symptoms presents a challenge.

Despite the threat of new variants, higher vaccination rates with a flattening of cases/hospitalisation and a (gradual) return to social normality provide optimism as we look forward to a successful NZ-hosted CSANZ 2022 ASM on the Gold Coast in August.



# CSANZ New Zealand Annual Scientific Meeting

Te Pae, Christchurch | 21-23 June 2022

[www.csanzasm.nz](http://www.csanzasm.nz)



## Program Overview

2022	Tue 21st June	Wed 22nd June	Thurs 23rd June
Morning	Working Groups / Nurses Symposium / Registrar Training	Opening Plenary / Heart Foundation Lecture / Award Finalists	Concurrent Sessions
Afternoon	Working Groups	Concurrent Sessions	Meeting Close (3pm)
Evening	Welcome Reception and Posters	Gala Dinner	

## Key Dates

Event	Date
<b>Registrations open</b>	20 December 2021
<b>Abstracts close</b>	28 February 2022
<b>Early bird registrations close</b>	26 April 2022
<b>Meeting</b>	21 June 2022 8:00am – 23 June 2022 5:00pm





# International Clinical Cardiovascular Genetics Conference 2022

11 - 13 May 2022  
Brisbane, Australia

[www.iccg.com.au](http://www.iccg.com.au)

International and Australasian Speakers  
Abstract presentations from those working in  
cardiovascular genetics





# CSANZ 2022

70TH ANNUAL SCIENTIFIC MEETING  
OF THE CARDIAC SOCIETY OF  
AUSTRALIA AND NEW ZEALAND

HOSTED BY CSANZ NEW ZEALAND

11 – 14 AUGUST 2022

GOLD COAST CONVENTION  
AND EXHIBITION CENTRE

[WWW.CSANZASM.COM](http://WWW.CSANZASM.COM)

## Key Dates

<b>Abstracts closing date</b>	Thursday, 14 March 2022
<b>CSANZ ASM registration opens</b>	Sunday, 17 March 2022
<b>Earlybird registration closes</b>	Sunday, 5 June 2022
<b>2022 CSANZ ASM</b>	11 - 14 August 2022

## Named Lecturers

<b>R T Hall Lecturer</b>	Michael J. Ackerman, Mayo Clinic, USA
<b>Kempson Maddox Lecturer</b>	Ralph Stewart, Auckland City Hospital, NZ
<b>Basic Science Lecturer</b>	Livia Hool, University of Western Australia, WA
<b>Gaston Bauer Lecturer</b>	Gemma Figtree, Royal North Shore Hospital, NSW
<b>Cardiovascular Nursing Lecturer</b>	Robert Zecchin, Western Sydney Local Health District, NSW
<b>Victor Chang Memorial Lecturer</b>	Vinayak Bapat, Abbott Northwestern Hospital, USA
<b>Allied Health, Science and Technology Lecturer</b>	Julie Redfern, University of Sydney, NSW

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

# CSANZ ASM 2022


## Named Lecturers



RT Hall Lecturer

**Michael J. Ackerman**


Mayo Clinic, USA



Kempson Maddox Lecturer

**Ralph Stewart**


Auckland City Hospital / Green Lane Cardiovascular Services, NZ



Allied Health, Science and Technology Lecturer

**Julie Redfern**


University of Sydney, NSW



Basic Science Lecturer

**Livia Hool**


University of Western Australia, WA



Cardiovascular Nursing Lecturer

**Robert Zecchin**


Western Sydney Local Health District, NSW



Gaston Bauer Lecturer

**Gemma Figtree**

University of Sydney, NSW




Victor Chang Memorial Lecturer

**Vinayak Bapat**

Abbott Northwestern Hospital, USA




# CSANZ ASM 2022 International Faculty




Heart Failure  
**Stefan Anker**  
Charité - University Medicine  
Berlin, GERMANY




Multidisciplinary  
**Mariachiara Di Cesare**  
Middlesex University London, UK




Imaging  
**Milind Desai**  
Cleveland Clinic, Cleveland, USA




Arrhythmia / EP  
**Sabine Ernst**  
Royal Brompton Hospital, UK




Imaging  
**Marianna Fontana**  
Royal Free Hospital and University  
College London, UK




Mechanisms and Preclinical  
Discovery  
**Beth Habecker**  
Oregon Health and Science  
University, USA




Clinical / Surgical  
**Rebecca Hahn**  
Columbia University Medical  
Center, USA



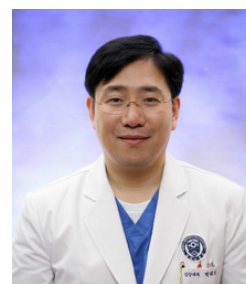
Multidisciplinary  
**Christopher Lee**  
Connell School of Nursing, Boston  
College, USA




Paediatrics / Adult Congenital  
**Anita Moon-Crady**  
UCSF Benioff Children's Hospitals,  
San Francisco, USA




Clinical / Surgical  
**Rob Moss**  
Providence Health Care, CANADA



Arrhythmia / EP  
**Hui-Nam Pak**  
Yonsei University, KOREA




Heart Failure  
**Theresa McDonagh**  
King's College Hospital, UK



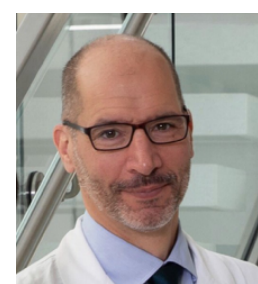
Mechanisms and Preclinical  
Discovery  
**Kiran Musunuru**  
University of Pennsylvania, USA



Multidisciplinary  
**Ferande Peters**  
University of the Witwatersrand,  
SOUTH AFRICA



Paediatrics / Adult Congenital  
**Andrew Powell**  
Boston Children's Hospital, USA



Arrhythmia / EP  
**Miguel Valderrabano**  
Houston Methodist Hospital, USA

**SPOTLIGHT**

**ON**

## **CORONARY VASOMOTOR DYSFUNCTION & THE NEW WORKING GROUP**



*By Prof John Beltrame*

*Chair, CSANZ Coronary Vasomotor Dysfunction Working Group*

The CSANZ Coronary Vasomotor Dysfunction Working Group has been recently established by an enthusiastic group of CSANZ members.

Coronary artery disease is typically perceived simply as a structural process involving obstructive atherosclerotic coronary disease that is ameliorated by revascularisation therapies; but it involves so much more since the blood vessels are dynamic in nature and may be afflicted by functional disturbances not readily evident on routine diagnostic testing. These pathophysiological (functional) disturbances of coronary vascular tone (ie excessive vessel constriction or impaired vessel relaxation) may involve the large epicardial coronary arteries (coronary artery spasm) and/or the coronary microvessels (coronary microvascular dysfunction), and thus collectively referred to as 'coronary vasomotor dysfunction'.

Although coronary vasomotor dysfunction coexists with obstructive atherosclerotic coronary artery disease, the CSANZ Coronary Vasomotor Dysfunction Working Group will initially focus on patients where there is no obstructive coronary artery disease to account for the patient's symptoms and thus coronary vasomotor dysfunction may be responsible. This frequently overlooked group of patients may present either as an acute coronary syndrome (MINOCA – Myocardial infarction with Non-Obstructive Coronary Arteries) or a chronic coronary syndrome (INOCA – Ischaemia with Non-Obstructive Coronary Arteries).

The objective of the CSANZ Coronary Vasomotor Dysfunction Working Group is to improve the diagnosis and treatment of patients with MINOCA and INOCA. The initial strategic priorities for the group regarding these disorders is to:

1. Standardise clinical assessment protocols
2. Lodge MBS procedural item number applications for key investigations
3. Establish a clinical quality registry
4. Develop a consensus statement concerning these disorders.

The Working Group is making good progress on these objectives and anticipates a productive 2022.

*For further enquiries, please contact Prof John Beltrame on [John.beltrame@adelaide.edu.au](mailto:John.beltrame@adelaide.edu.au).*

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## In Memoriam Prof Attilio Maseri



It was with great sadness to learn of the recent passing of Prof Attilio Maseri, who was an important mentor to a number of CSANZ members and presented the RT Hall Lecturer at the 1998 CSANZ Annual Scientific Meeting, held in Perth.

Prof Maseri died on 3 September 2021 in his native town of Udine, in the north east of Italy, at the age of 85.

Prof Maseri was considered by many as the ‘father of coronary artery spasm’, with his innovative clinical studies demonstrating its importance in coronary syndromes. He was also a pioneer in coronary microvascular disorders and the role of inflammation in acute coronary syndromes. His ‘Ischemic Heart Disease’ textbook remains an insightful clinical perspective of this common disorder.

He will be missed by the Australian cardiology community.

Prof John Beltrame



## 2021 CSANZ E-FELLOWSHIPS

CSANZ E-Fellowships were awarded during the year for grants to assist with the cost of virtual registration for international scientific meetings. These Fellowships are intended to support investigators in the early stage of their research career who have had an abstract accepted at an international meeting.

We've asked some of the 2021 recipients to report on their virtual presentation experiences.

### ESC Congress 2021 E-Fellowships

Dr Craig Coorey presented at the ESC Congress 2021



**I am currently a Basic Physician Trainee at Royal North Shore Hospital in Sydney. I was grateful to receive a CSANZ e-Fellowship Award to attend the ESC Congress 2021 in August, which was run virtually this year. At this conference I presented a poster titled “Machine learning analysis of metabolomic biomarkers for diagnosis of heart failure”, which is a part of the research I am pursuing in the lab of Professor Gemma Figtree at the Kolling Institute and University of Sydney.**

**It is an exciting research project analysing metabolomics data from the CANVAS/CANVAS-R trials. In this poster we demonstrated that a metabolomic signature had predictive power in diagnosing patients with a history of heart failure.**

**The ESC Congress was an inspiring conference with presentations by a number of world-leading researchers. There were numerous ground-breaking trials presented at the conference including the EMPEROR-Preserved trial. The conference provided a useful global perspective of the latest developments in cardiology around the world and was a valuable experience.**

**Overall, I really enjoyed the conference, even though it was run virtually. I would encourage other junior doctors to take advantage of CSANZ’s generous support to attend international conferences such as ESC Congress.**

## ESC Congress 2021 E-Fellowship

Dr Souvik Das presented at the ESC Congress 2021

Hello everyone! I am Souvik, a 2nd year Cardiology Advanced Trainee at The Canberra Hospital.

I was delighted to present my research project entitled “The Clinical Significance of Procedural Myocardial Infarction in Stable Ischemic Heart Disease Patients and Implications for Interpretation of Ischemia Trial: A Registry Analysis” at the ESC Congress 2021 – Digital Experience.



As you are aware, the very definition as well as the clinical relevance of procedural myocardial infarctions has been hotly debated since its inception. In recent years, significant controversy has erupted over how the interpretation of landmark trials such ISCHEMIA, SYNTAXES and EXCEL can be dependent on which definition of procedural myocardial infarction is used. As such, we performed a thorough, retrospective analysis of our own hospital’s ‘Percutaneous Coronary Interventions Registry’ to further investigate the real-world significance of procedural myocardial infarctions and presented the findings at ESC 2021.

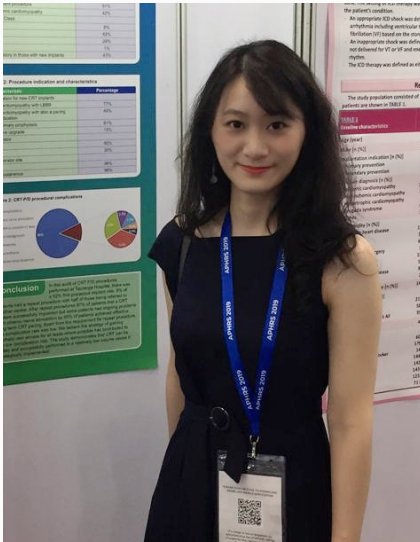
I was incredibly excited to have my abstract accepted at ESC 2021. Scientific congresses are first and foremost a celebration of science and no other conference embraces this more than the annual ESC Congress. While nothing beats the excitement of attending a conference in person and being inspired by the stalwarts in the field of cardiovascular medicine, the digital platform was still a wonderful opportunity to present my research in front of an international audience and to learn from some of the world’s foremost cardiovascular clinicians and researchers.

I would like to thank my supervisor Dr Ahmad Farshid for his guidance and support in conducting this project, as well as CSANZ for granting me an E-Fellowship.

Lastly, I wish you all a lovely summer! Here’s hoping that the spectre of COVID-19 fades away and we can finally return to normalcy and attending conferences in person.

# ESC Congress 2021 E-Fellowship

## Dr Becky Liao presented at the ESC Congress 2021



I would like to thank the Cardiac Society of Australia and New Zealand for awarding the e-Fellowship to participate in the European Society of Cardiology Congress 2021.

I am currently a cardiology advanced trainee and electrophysiology registrar at Auckland City Hospital, New Zealand. Because of the COVID-19 pandemic, the congress was again virtual this year but allowed wider participation from cardiovascular healthcare professionals around the world to take part in its interactive and innovative online platform.

The abstract I presented titled: “Predictors and a novel risk score of statin non-adherence after hospitalisation for an acute coronary syndrome”. This study utilised the ANZACS-QI national registry in New Zealand for acute coronary syndrome hospitalization and cross-linked with the National Pharmaceutical database for statin dispensing records. The rates and predictors of statin non-adherence, defined as mean statin possession ratio of  $<0.8$  at 6-18 months after discharge, were ascertained. A multivariable risk score was developed including covariates to help identify at risk patients that would benefit the most from adherence improving interventions. We are in the process of submitting this work in manuscript form to an international cardiology journal.

The conference had many informative sessions worth highlighting. Four critically important guidelines were released in the topics of cardiac pacing/CRT, valvular heart disease, heart failure and cardiovascular prevention that will significantly impact clinical practice. Several late-breaking trials were presented. I also watched seminars on a wide range of cardiovascular topics, including in my personal passion of electrophysiology/pacing.

Overall, ESC Congress 2021 was a very valuable research and educational experience for me. I am very grateful to be a recipient of the CSANZ e-Fellowship and look forward to completing my general cardiology training, continue cardiovascular research work and to embark on the electrophysiology/pacing fellowship in the latter half of 2022.



## ESC Congress 2021 E-Fellowship

### Mr Fahad Shaikh presented at the ESC Congress 2021

This year, I was privileged to receive a CSANZ Travelling Fellowship.

This allowed me to attend the 2021 European Society of Cardiology digital meeting and present my research on the use of direct oral anticoagulants in obese individuals with atrial fibrillation.

I am currently a PhD candidate at Western Sydney University and also a registered pharmacist by profession.



My PhD uses a mixed method approach to provide a better overall understanding by providing a better understanding of theoretical evidence behind the safety and efficacy of anticoagulants in obesity, and the clinical justification for the current practice methods.

This was my first time presenting and attending the ESC congress, and unfortunately due to the impact of COVID-19 the congress was moved to a digital platform. Although I would have loved to attend the congress face-to-face, as it would have provided more chances to engage discussions with experts in the field of cardiology etc. However, the digital experience did provide a fantastic alternative experience, allowing more flexibility in the timings etc.

It was of great interest to listen to the current and future development in the management of patients with heart conditions, especially with the impact of COVID-19 in the cardiovascular space.

I am extremely grateful to CSANZ for the support to attend the 2021 ESC Congress.

This unique experience has certainly inspired me in my ongoing research efforts.



# AMERICAN COLLEGE of CARDIOLOGY



When you become a member of the American College of Cardiology, you join a global network of cardiovascular professionals driven to transform cardiovascular care and improve heart health. The ACC is here for you to provide you with the support you need from training through retirement.

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# American Heart Association Annual Scientific Sessions 2021 E-Fellowship

Dr Linh Thi Hai Ngo presented at the AHA 2021



**Communicating your work to the scientific world is an essential component of doing research. As a PhD candidate, I could not think of a better way to do that than presenting my work in one of the most premier conferences in my field of research and having my participation supported by a travelling scholarship.**

**I am from the University of Queensland and my project aims at evaluating outcomes of catheter ablation of atrial fibrillation – an increasingly common cardiovascular procedure – at a population-wide scale in Australia and New Zealand.**

I was very honoured that my work on evaluating the burden on healthcare resources was selected for presentation at the American Heart Association, Quality of Care and Outcomes Research Scientific Session 2021. Specifically, my abstract entitled “Excess Healthcare Costs and Bed Days Associated with Complications Following Catheter Ablation of Atrial Fibrillation” was accepted as an e-poster presentation at this prestigious conference. Furthermore, it was awarded a Paul Dudley White International Scholar Award <sup>(1)</sup> for being the highest-ranked abstract from Australia.

Participating in this conference was a great experience for a young researcher and clinician like me. Thousands of researchers, scientists, and healthcare workers attended this conference, which made it the perfect platform to share my research as well as learn from the amazing work of others.

Besides the potential practice-changing clinical trials, I was also amazed by other interesting topics addressed in this conference such as the extraordinary story of a scientist who survived a heart attack, how to recognise and deal with the mental health problems that many healthcare workers experience, as well as how clinical practice is rapidly changing in response to the COVID-19 pandemic.

Collectively, this experience will greatly benefit me to achieve my future career goal of being a clinical researcher and I am grateful to CSANZ for awarding me an e-Fellowship to make this experience happen.

*(1) The Paul Dudley White International Scholar Award is given to the authors with the highest ranked scientific abstract from each country accepted for presentation at the Scientific Sessions. Paul Dudley White, was one of the founders of the American Heart Association who was also a champion for global cardiovascular health strategies.*



Join us for the  
Australia and New Zealand  
Endovascular Therapies Meeting  
(ANZET22)  
Gold Coast Exhibition and Convention Centre  
12-14 August 2022

## Key Dates

14 March 2022 Abstracts close

17 March 2022 Registration opens

5 June 2022 Earlybird registration closes

3 July 2022 Geoff Mews Memorial Fellows Prize closes

Visit the website for more information about  
Live case sessions and practical workshops

[www.anzet.com.au](http://www.anzet.com.au)

## Heart Lung and Circulation The TOP 10 article downloads for 2021

- 1** *Integrated Guidance for Enhancing the Care of Familial Hypercholesterolaemia in Australia*
- 2** *Cardiovascular Disease in Women: From Pathophysiology to Novel and Emerging Risk Factors*
- 3** *Physiological Changes and Cardiovascular Investigations in Pregnancy*
- 4** *Myocarditis, Pericarditis and Cardiomyopathy After COVID-19 Vaccination*
- 5** *Maori, Pacific, Aboriginal and Torres Strait Islander Women's Cardiovascular Health: Where Are the Opportunities to Make a Real Difference?*
- 6** *Takotsubo Cardiomyopathy After mRNA COVID-19 Vaccination*
- 7** *Good Heart: Telling Stories of Cardiovascular Protective and Risk Factors for Aboriginal Women*
- 8** *Sex Disparities in Myocardial Infarction: Biology or Bias?*
- 9** *Practical Guidance for Food Consumption to Prevent Cardiovascular Disease*
- 10** *Gender Difference in Secondary Prevention of Cardiovascular Disease and Outcomes Following the Survival of Acute Coronary Syndrome*

(Click on the article link to read and download from [Heart Lung and Circulation](#))



**CALL FOR PAPERS**

Special Issue of  
**Heart, Lung and Circulation:**  
Environment,  
Climate and  
Cardiovascular Health

**DEADLINE FOR SUBMISSIONS  
1 March 2022**

The advertisement features a blue journal cover on the left with the title 'Heart Lung and Circulation' and a list of topics: COVID cardiac issues, Atrial fibrillation, Acute stroke, Indigenous cardiovascular disease, Intracoronary thrombolysis in PCI, and Thoracic surgery. On the right, a person is shown wearing a green and yellow respirator mask. The background is a light, hazy landscape.

# NEW FELLOWS AND MEMBERS

The Society extends a warm welcome to all new Fellows and Members admitted to the Cardiac Society of Australia and New Zealand from September to December 2021.

## FELLOWS

Dr Jason Davis (QLD), Dr Alun Jackson (VIC), Dr Ren Yik Lim (NT), Dr Luciana Marcondes (NZ), Dr Jacob Mathew (VIC), Dr Austin May (NSW), Dr Vinayak Nagaraja (OS), Dr Sachin Nayyar, (QLD), Dr Ramanathan Parameswaran (VIC), Dr Kathryn Waddell-Smith (SA), Dr Edwina Wing Lun (NT)

## MEMBERS

Dr Mohammed Al-Omary (NSW), Mrs Sandra Ambrose (SA), Mrs Ria Monica Aseniero (QLD), Ms Alexandra Baer (NSW), Dr Kunwardeep Bhatia (NSW), Mrs Donna Bosch (NZ), Dr Aleksandar Cicovic (NZ), Miss Loredana Daniele (VIC), Dr Avedis Ekmejian (NSW), Mr Clinton Fildes (SA), Ms Jenny Fong (VIC), Mr Eric Garcia (SA), Dr Thomas Goubar (NSW), Mr Nathan Herbert (VIC), Dr Juliana Kanawati (NSW), Ms Sarena La (SA), Mr Robert Lampard (WA), Mrs Olivia Leary (VIC), Mrs Li Ma (NZ), Dr Thomas Meredith (NSW), Miss Jacinta Phillips (NT), Mr Nigel Robinson (QLD), Mrs Laura Scott (NZ), Ms Emma Singer (NSW), Dr Snezana Stolic (QLD), Dr Birinder Singh Thind (OS), Dr Natalie Ward (WA), Ms Lauren Williamson (QLD), Miss Ling (Cristina) Zeng (NSW), Dr Clara Zwack (VIC)

Download the New CSANZ App





# CSANZ BOARD

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President

**Stephen Nicholls**  
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**Stephen Duffy**  
Hon Secretary

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Chair, Education Committee

**Aravinda Thiagalingam**  
Chair, Professional and Ethical Standards  
Committee

**William Parsonage**  
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**Chris Semsarian**  
Chair, Scientific Committee

**Lee Nedkoff**  
Chair, Allied Health Science and Technology  
Council

**Sally Inglis**  
Chair, Cardiovascular Nursing Council

**Jonathan Kalman**  
Chair, Heart Rhythm Council

**Sudhir Wahi**  
Chair, Imaging Council

**William Wang**  
Chair, Indigenous Health Council

**Sidney Lo**  
Chair, Interventional Council

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