

On the **PULSE**

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

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AN EMERGING FIELD

THE PRESIDENT'S REPORT

I must admit that taking on the role of President in 2020/21 has not been what I could describe as expected... Perhaps I expected racing around Australia and perhaps internationally promoting the work of our Society, but there of course has been no going anywhere...

As a key goal of my tenure to stand for an engaged and connected Society and to embrace its diversity, it has been challenging to learn to do this in an increasingly virtual world limited by restrictions on how we meet and engage.



However, I must say the increase in membership of our Society in 2021, the amazing leadership in unusual times I have seen from my fellow Board members as well as many other members of our vibrant society across the career stages, has been remarkable and energising.

While our Secretary, Steve Nicholls and Treasurer Steve Duffy have summarised many important activities of this year, I will touch on a few points. Central to our Society's vision and values is to promote good fellowship, collegiality and collaboration. To support this in our increasingly virtual world this year, we have launched a new CSANZ website, a new CSANZ app and have had Libby Stavrinou, join us as a part-time Communications manager. We have introduced new looks for our CSANZ eNews and On the Pulse and are tracking electronic engagement with all our electronic media to help us improve them. For example, our website, since launch over the last few months, has had over 11,000 unique page views. The CSANZ app provides us with quick ability to access CSANZ electronic resources including position statements and educational material as well as connect with members via forums or to review CSANZ tagged social media.

Also, an important CSANZ value, is that of fostering equity, diversity, and inclusivity. I think many of us feel the importance of this in these times where we see lack of recognition of differences lead to increasing the gaps in health outcomes across our world. I know many of you stand for addressing these differences and want you to know that your Society also embraces the need for these.

The Society and Board has been working with stakeholders to bring together a Diversity Policy, and actively encourage all Committees, Councils and Working groups of CSANZ to consider this in their operations. In addition, we look forward to working with our Indigenous Council to formulate a Strategy to guide CSANZ investment into addressing cardiovascular health disparities for Indigenous peoples.

CSANZ's current and future vision is to continue to improve Cardiovascular practice. This past year has been exceptionally busy for many clinical specialist groups of our Society in contributing to clinical practice statements and new guidelines as science continues to evolve. It has also been very busy in driving thought leadership in adapting clinical practice to operating high quality cardiovascular services during the COVID pandemic. Much of this work has been witnessed by a very busy Quality Standards Committee, but we have also been highly reliant on calling in additional help from across membership to enable us to keep up with this work.

On top of all of this, this last year has seen the implementation in Australia of a substantial review of the MBS, and this is ongoing. There have been large implications for patient care and clinical practice. Identification of issues with the implementation has been part of the course, and we have been actively working directly with Government as these have been identified. This has been helped enormously by the work of Dr Michael Feneley who has been working on behalf of CSANZ and its members on the MBS review for the past 4 years. His detailed knowledge of the process has helped us work with Government on addressing issues with implementation as they have arisen.

I would also like to add to this that the CSANZ board has recently, in a Workshop, started examining the role of partnerships to CSANZ and how this can add to our ability to be effective leaders in CV practice and promotion of the prevention and control of CVD. Of course, Science, Education and Training are central to CSANZ. This year has seen several new format meetings both virtual and in-person arising from membership being sponsored and supported by CSANZ.

Our main event of course continues to be the Annual Scientific Meeting and I would like to extend my congratulations to the NSW Organising team, led by David Brieger (Convenor) and James Chong (Scientific Program Chair). I have witnessed their hard work in bringing together an excellent program, their disappointment in not being able to deliver that in Adelaide and their resolve in delivering an excellent virtual meeting, which has seen registrant numbers at usual levels for our Annual Scientific meeting.

Planning for 2022 is already underway, to be held at the Gold Coast, fingers crossed, and hosted by the New Zealand team. The convenor for the 2022 meeting will be Mayanna Lund from Middlemore Hospital and Scientific Program Chair Martin Stiles from Waikato Hospital.

I would now like to acknowledge and thank all Board members. The Board has been tremendously supportive in what has been a year with challenges, and together and individually have actively addressed multiple questions and decisions that have faced our society over the last year. In this I would especially like to acknowledge the Executive Committee of the Board: Steve Nicholls (Secretary), Stephen Duffy (Treasurer), Leonard Kritharides (Past President) as well as Martha McCall who have been regularly at the epicentre of these.

Leaving the Board this AGM are Len Kritharides, Jodie Ingles and Saurabh Kumar who have all made substantial contributions to the Board. Jodie Ingles, as Allied Health Committee Chair has ensured strong representation and understanding of Allied Health Issues and particularly led activities promoting the development of Early Career Researchers; Saurabh Kumar as EP Council Chair has contributed to negotiating the challenging issues with increased availability and need for remote monitoring highlighted by COVID19, as well as complex issues associated with the MBS and Prosthesis list reform.

Finally, having now completed the first year of my 2-year term as President, I would like to especially Thank and recognise the leadership of Professor Len Kritharides who steps down as Immediate Past President. Professor Kritharides has been in Board roles of Scientific Committee and Advanced Trainee Committee Chair and President. He has contributed countless hours to the work of the Society. Some of his achievements include modernising the AT curriculum, Fostering the strong and important relationship with the RACP, establishing the Fellows-in-Trainee Committee, reconstituting the CPD Committee into a broader education Committee and supporting the instigation of a Working group with COSA on cardio-oncology. Most prominently however he led us through the start of 2020, where strong and sensitive leadership became all so important as we tried to deal with rapid change and how to best support membership during the COVID-19 pandemic.

As Len steps down, it is my great pleasure to announce the President elect of CSANZ will be Steve Nicholls from MonashHeart in Melbourne. Steve is well known to the Cardiac Society community as a lead researcher, cardiologist and contributor to the Cardiac Society. He will take over from me in 12 months. Please join me in congratulating Prof. Steve Nicholls.

As a final note, I would like our membership to know that CSANZ leadership is open to new ideas from membership. Please reach out to us.

As delivered at the 2021 CSANZ Annual General Meeting.

**Clara Chow
7 August 2021**

SPECIAL NOTICES

In Memoriam

It is with deep regret that we note the passing of the following Members in the past year:

Dr Sivasambu Anandaraja FCSANZ (NZ)
Prof Nick Bett FCSANZ (QLD)
Dr Patricia Fox FCSANZ (VIC)
Dr Richard Hawker FCSANZ (NSW)
Dr Ian McDonald FCSANZ (VIC)
Prof Malcolm West AM FCSANZ (QLD)

On a more celebratory note, several members have been recognised in both the Australia Day and Queen's Birthday honours:

Australia Day Honours

The following CSANZ member was recognised on Australia Day with Order of Australia awards:

Dr Ruth Arnold OAM (FCSANZ - NSW) received the award of Medal (OAM) in the General Division of the Order of Australia for service to medicine as a cardiologist.

Queen's Birthday Honours

The following CSANZ members were recognised on the Queen's Birthday with Order of Australia awards:

A/Prof Gary Sholler AM (FCSANZ - NSW) received the award of Member (AM) in the General Division of the Order of Australia for significant service to paediatric medicine, and to tertiary medical education.

Prof Philip Aylward AM (FCSANZ – SA) received the award of Member (AM) in the General Division of the Order of Australia for significant service to medicine and to community health administration.

A/Prof Kevin Alford OAM (FCSANZ -NSW) received the award of Medal (OAM) in the General Division of the Order of Australia for service to medicine as a cardiologist.

Prof David Hare OAM (FCSANZ – VIC) received the award of Medal (OAM) in the General Division of the Order of Australia for service to cardiology.

Prof Igor Konstantinov OAM (FCSANZ – VIC) received the award of Medal (OAM) in the General Division of the Order of Australia for service to medicine as a cardiothoracic surgeon.

Dr Alexander Levendel OAM (FCSANZ – NSW) received the award of Medal (OAM) in the General Division of the Order of Australia for service to cardiology and nuclear medicine.

Dr Mark Pitney OAM (FCSANZ – NSW) received the award of Medal (OAM) in the General Division of the Order of Australia for service to cardiology.

Ms Marea Reading OAM (Member – NSW) received the award of Medal (OAM) in the General Division of the Order of Australia in recognition of service to nursing.

PRESIDENT ELECT

Congratulations to Prof Stephen Nicholls, President elect to the CSANZ Board (announced at the AGM on 7 August 2021). Steve will take over from Prof Clara Chow next August 2022.



Steve Nicholls is the Director of MonashHeart, Director of Victorian Heart Institute and Professor of Cardiology at Monash University. He will also become the Director of the Victorian Heart Hospital due for completion in 2022.

Prof Nicholls completed his cardiology training at John Hunter Hospital and PhD at the University of Adelaide, prior to holding a postdoctoral fellowship and faculty appointment at the Cleveland Clinic and the South Australian Health and Medical Research Institute. (SAHMRI)

His research interests focus on the role of metabolic risk factors and imaging in atherosclerosis, with work spanning from early discovery to leadership of large clinical trials.

He is Chair of the Australian Atherosclerosis Society Clinical Council, Australia and New Zealand Alliance for Cardiovascular Trials, Asia Pacific Cardiometabolic Consortium, Secretary of the Cardiac Society of Australia and New Zealand and a Fellow of the Australian Academy of Health and Medical Sciences.

As quoted by Monash Health after the 2021 CSANZ ASM, Prof Nicholls said, “I was very excited – I’ve been a member of the society for decades, working my way up as a trainee, a consultant cardiologist, and then serving on the board.” ([Read excerpt in full at Monash Health Facebook](#)).

NEW BOARD APPOINTMENTS

We are delighted to announce the following new appointments to the CSANZ Board for 2021 and welcome the Council Chairs and elected State Representatives whom we look forward to working with to assist in the aims and achievements of the Cardiac Society of Australia and New Zealand.



Prof Jonathan Kalman
Chair, Heart Rhythm Council



Dr Lee Nedkoff
Chair Allied Health
Science and Technology
Council



A/Prof Dominca Zentner
Victoria
Elected Representative



Dr David Cross
Queensland
Elected Representative

AWARD OF THE PRESIDENT'S MEDAL

The President's Medal is awarded to a person who has made a major, specific and substantial service to the Cardiac Society of Australia and New Zealand.

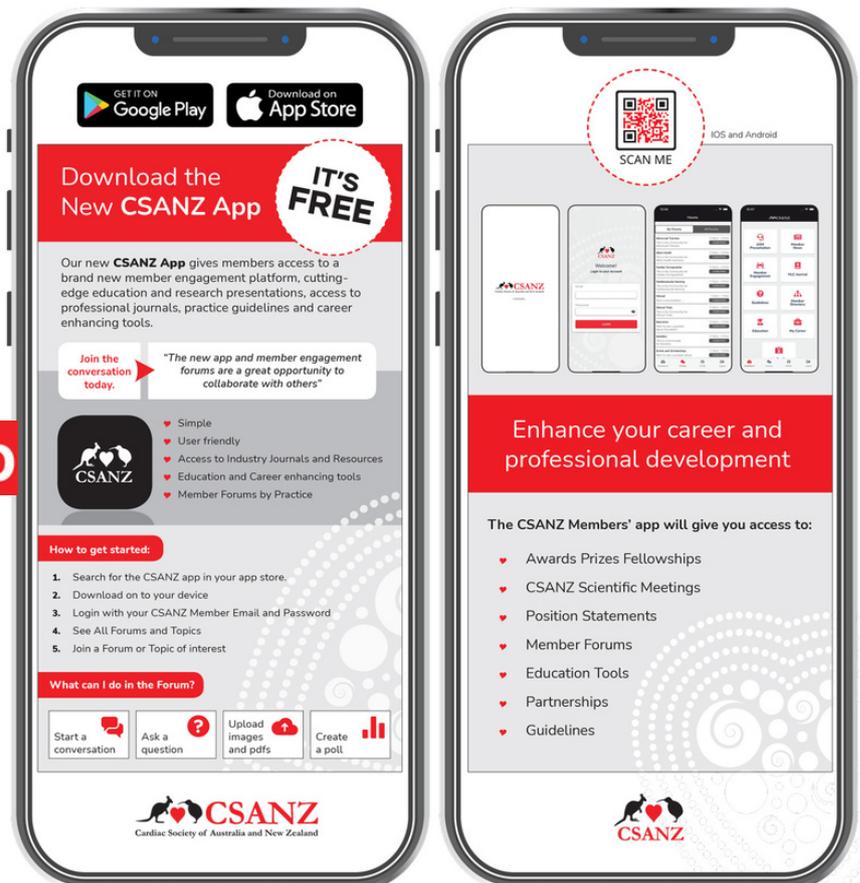


We are delighted to announce that the President's Medal is awarded this year to Professor Michael Feneley in recognition of his service as Clinical Practice advisor and most recently through the current MBS review and its implementation.

The current MBS review has involved numerous meetings, written work, and communications on behalf of the Society and its members with government. This work has been extremely important to ensuring modifications and updates to the MBS for cardiology related items were made to allow best clinical practice and best outcomes for patients while recognizing the work of clinicians.

Prof Feneley has been the knowledgeable advocate for clinicians and patients with the Government and worked on behalf of the society to ensure the best outcomes for over 20 years as Clinical Practice Advisor. His vast experience and commitment to advise on these matters while the MBS changes are being implemented is of immeasurable importance to the Society and its Members.

New CSANZ App



GET IT ON Google Play | Download on the App Store

Download the New CSANZ App **IT'S FREE**

Our new CSANZ App gives members access to a brand new member engagement platform, cutting-edge education and research presentations, access to professional journals, practice guidelines and career enhancing tools.

Join the conversation today. "The new app and member engagement forums are a great opportunity to collaborate with others"

- Simple
- User friendly
- Access to Industry Journals and Resources
- Education and Career enhancing tools
- Member Forums by Practice

How to get started:

1. Search for the CSANZ app in your app store.
2. Download on to your device
3. Login with your CSANZ Member Email and Password
4. See All Forums and Topics
5. Join a Forum or Topic of interest

What can I do in the Forum?

- Start a conversation
- Ask a question
- Upload images and pdfs
- Create a poll

CSANZ Cardiac Society of Australia and New Zealand

SCAN ME (QR code)

IOS and Android

Enhance your career and professional development

The CSANZ Members' app will give you access to:

- ♥ Awards Prizes Fellowships
- ♥ CSANZ Scientific Meetings
- ♥ Position Statements
- ♥ Member Forums
- ♥ Education Tools
- ♥ Partnerships
- ♥ Guidelines

CSANZ Cardiac Society of Australia and New Zealand

2021 Cardiac Society of Australia and New Zealand Annual Scientific Meeting

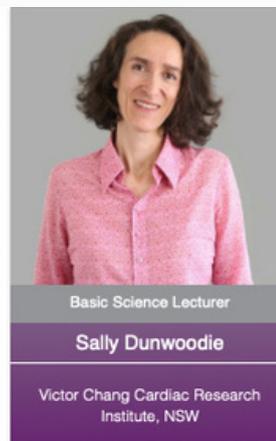
The CSANZ ASM and ANZET Meetings have survived another year of lockdown, but this time a fully Virtual Meeting. Whilst we were trying to keep the meeting an "IN PERSON" event to the last minute, inevitably it had to move online due to the COVID-19 escalation across the eastern part of the country.

From the Associated Meetings and Council AGMs held on the Thursday, to the early morning sponsored breakfast sessions, the named lectures, posters, podcasts and mini-orals, the panel discussions and Q&A Sessions. All the way through to the fabulous Prize Finalists Presentations, thank you to all for helping us to continue to provide leading-edge content that makes the CSANZ ASM one of the most sought after Scientific Meetings to attend.

From the feedback of the Meeting by many and the prolific social media during and following the Meeting, there were many highlights for the over 1600 participants who registered for the event.

Thank you to all our wonderful International Speaker who either presented Live, joined in Q&A sessions and discussion panels or pre- recorded their presentation so that we could feel they were a part of the Meeting even if it was from their own office or home from the other side of the world.

Don't forget to log back in to the On Demand content (available for the next 12 months). We hope you will use it to revisit often to remember what you saw and heard and to expand your knowledge from all those brilliant conversations, presentations and lectures that were presented at the 2021 CSANZ Annual Scientific Meeting.



Thank you to our
2021 CSANZ ASM
Named Lecturers



THE #CSANZ2021 HIGHLIGHTS

"Over the two day Scientific Meeting there were so many highlights, too many to mention them all here, however here a few that have been mentioned as stand out sessions. If you missed them it's not too late - login to the On Demand platform to catch up or follow #CSANZ2021 #ANZET21 on Twitter and Facebook."

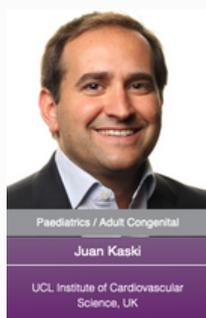
Prof David Brieger, Convenor, CSANZ ASM 2021.



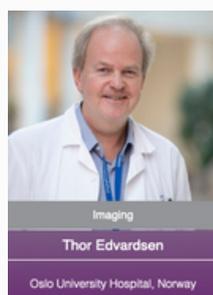
Dr John Mandrola gave a "Critical appraisal of over-hyped therapies" in the clinical and surgical breakfast session, the podcast: Medicine in social media / off the beaten track and on Arrhythmia / EP: AF ablation: Early AF ablation as first-line therapy? A re-appraisal of recent literature.



Dr Charles (Chuck) Murry presented the Translational Podcast: The current status and future role of pluripotent stem cell-derived cardiomyocytes in clinical cardiology. Discussion: The current status and future role of pluripotent stem cell derived cardiomyocytes in clinical cardiology.



Dr Juan Kaski presented at three Paediatrics / Adult Congenital sessions: On Friday he spoke at both Paediatric hypertrophic cardiomyopathy sessions: Screening for paediatric HCM; and Risk stratification for SCD in paediatric HCM. He also presented in the Genetics of congenital and heritable heart disease session on Saturday afternoon presenting: Syndromic cardiomyopathy.



Prof Thor Edvardsen presented at the CSANZ Imaging Council & EACVI conjoint session; The Mechanical dispersion assessed by myocardial strain and risk prediction for ventricular arrhythmias. On Friday he spoke about Myocardial function post COVID in the Imaging: Cardiomyopathies session.



Prof Donna Fitzsimons gave a powerful presentation by about cardiovascular research and the impact of that to clinical outcomes, 'emphasising the importance of keeping the patient front and centre in cardiovascular disease care'. Donna's presentation was headed, Hand on heart: A critical over-view of cardiovascular care outlining progress and potential.

"Another highlight for me was the Translational joint session with the AAS: Translating lessons from vascular biology into new treatment for coronary artery disease with Profs. Jason Kovacic, Peter Thomson, Gerald Watts and A/Prof Dennis Wong discussing colchicine research and new therapies."
A/Prof James Chong, Chair, Scientific Program, CSANZ ASM2021

[Listen to the wrap up of the #CSANZ2021 by A/Prof James Chong and Prof Liz Thomas on The Limbic podcast here](#)

2021 RT HALL PRIZE WINNERS

Congratulations to Professor Peter Thompson and Professor Mark Nidorf

Professors Thompson and Nidorf have made a significant contribution to cardiovascular medicine in their pursuit of the role of colchicine in preventing coronary events.

In the last 14 years Nidorf and Thompson's work has propelled the idea of treating atherosclerotic inflammation with colchicine from the bedside into the international spotlight. Not only has it helped to "close the loop" on the inflammatory hypothesis of atherosclerosis, but colchicine's potential as a cornerstone therapy for secondary prevention coronary disease with an inexpensive readily available drug with an impressive safety profile, is now seriously considered. Work continues to determine if early intolerance to colchicine can be reduced by differing dosing regimens and how best to monitor anti-inflammatory effect in atherosclerosis. The evidence from trials completed to date suggest that repurposing colchicine for secondary prevention of CV disease has the potential to change practice and have a global impact on CV disease.



Above pictured from L-R: Prof David Playford, (Secretary CSANZ WA Regional Committee), Prof Mark Nidorf, Prof Peter Thomson and Prof Rukshen Weerasooriya (Chair CSANZ WA Regional Committee).

The certificates for the RT Hall Prize were presented to Peter Thompson and Mark Nidorf at the CSANZ WA Dinner held in Perth on Wednesday 12 August 2021.

2021 RALPH READER PRIZE

Basic Science Finalists

Jocelyn Mulangala, SAHMRI
Meredith Redd, University of Queensland

Clinical Science Finalists

Aditya Bhat, Blacktown Hospital
Himawan Fernando, Alfred Hospital
Fiona Dee, Hunter New England Health



Basic Science Prize Winner for 2021

Meredith Redd, University of Queensland

Genetic and pharmacological studies reveal acid sensing ion channel 1a as a novel therapeutic target against cardiac ischemia-reperfusion injury.

Judges: Len Kritharides, Diane Fatkin, Rebecca Ritchie



Clinical Science Prize Winner for 2021

Himawan Fernando, Alfred Hospital, Baker Heart and Diabetes Institute, VIC
Lignocaine versus Opioids in Coronary Intervention: Assessing Antiplatelet Activity and Ticagrelor Levels (LOCAL) Study.

Judges: John Beltrame, Gemma Figtree, William Parsonage, Rajesh Puranik

CONGRATULATIONS TO ALL



ALLIED HEALTH SCIENCE, TECHNOLOGY PRIZE

Ingrid Stacey, University of WA

Long-term outcomes after RHD diagnosis in Australia: a linked data study.

Judges: Leah Wright, Stephanie Partridge



CARDIOVASCULAR GENETICS PRIZE

Stacey Peters, Royal Melbourne Hospital, VIC

Arrhythmias are a Requisite Feature of SCN5A Mediated Dilated Cardiomyopathy : A Systematic Review of Variants

Judges: Jon Skinner, Kathryn Waddell-Smith



CARDIAC IMAGING PRIZE

Siddharth Trivedi, Westmead Hospital, NSW

Speckle tracking echocardiography predicts arrhythmia recurrence in patients with structural heart disease following ventricular tachycardia ablation.

Judges: Sudhir Wahi, Angeline Leet



CARDIOVASCULAR NURSING PRIZE

Lynda Tivendale, Royal Melbourne Hospital, VIC

Multimodal lung and sternal ultrasound education program for cardiothoracic nurses and physiotherapists.

Judges: Robyn Clarke, Jan Cameron, Judith Finn



HEART FAILURE PRIZE

Praveen Indraratna, Prince of Wales Hospital, NSW

TeleClinical Care: A randomised control trial of a smartphone-based model of care for patients with heart failure or acute coronary syndrome.

Judges: Mayanna Lund, Aaron Sverdlov

CSANZ PRIZE WINNERS



HEART RHYTHM PRIZE

Varun Malik, Royal Adelaide Hospital, SA

AF begets autonomic nervous system dysfunction: a possible contributor to “AF begets AF”.

Judges: Saurabh Kumar, Martin Stiles

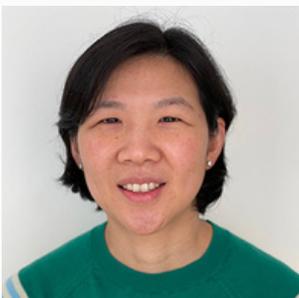


INDIGENEOUS HEALTH PRIZE

Katharine McBride, SAHMRI, SA

When the heart is spiritually and physically strong, women have lower incident cardiovascular disease: Quantifying Aboriginal women’s narrative of cardiovascular protection.

Judges: Judith Katzenellenbogen, William Wang



PAEDIATRIC AND CONGENITAL CARDIOLOGY PRIZE

Karina Laohachai, Women’s and Children’s Hospital, SA

Older age of Fontan completion is associated with impaired lung function.

Judges: Michael Cheung, Mugur Nicolae



PREVENTATIVE CARDIOLOGY PRIZE

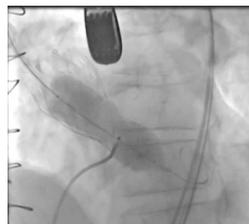
Kasun De Silva, Westmead Hospital, NSW

Sex-based differences in implantation of pacemakers, implantable cardioverter defibrillators and cardiac resynchronisation therapy: a 10-year study of 1,291,258 patients in New South Wales.

Judges: Stephen Nicholls, David Colquhoun

ANZET 2021 HIGHLIGHTS

Thank you to our Live Cases from: Flinders Medical Centre, Adelaide ...



Panel (L-R): Prof Ravi Bhindi, Prof Rohan Bhagwandeem, A/Prof Ajay Sinhal
Dr Sharad Shetty, Dr Sarah Farley and Dr Heath Adams

...and Royal North Shore Hospital, Sydney



Panel (L-R): Dr Rajesh Nair, Prof Rohan Bhagwandeem, Prof David Muller
Dr Heath Adams, Dr Sharad Shetty, A/Prof Sarah Zaman



THANK YOU TO THE SPEAKERS



Louis Bernstein Lecturer

William O'Neill

Henry Ford Hospital MI, USA



Innovations in Cardiology
Lecturer

David Kaye

The Alfred Hospital, VIC



Dipti Itchhaporia

Hoag Heart and Vascular Institute,
CA, USA

Current ACC President



Patricia Keegan

Emory Heart & Vascular Center,
USA



Eugene Wu

Prince of Wales Hospital, Hong
Kong



2021 PRIZE WINNERS



**GEOFF MEWS MEMORIAL ANZET
FELLOWS PRIZE**

Hashrul Rashid, MonashHeart, VIC



**ANZET EARLY CAREER
RESEARCH PRIZE**

James Xu, Liverpool Hospital, UNSW



ANZET BEST INTERVENTIONAL IMAGING PRIZE

Andrew Borrie, Wellington Hospital, NZ

BEST INTERVENTIONAL IMAGING PRIZE - RUNNERS UP

2nd Prize – Hashrul Rashid, MonashHeart, VIC

3rd Prize – Naomi Wattchow, Flinders University, SA

ISHR AND HLC PRIZE WINNERS

ISHR STUDENT INVESTIGATOR PRIZE

Marco Annandale, University of Auckland NZ

ISHR STUDENT PUBLICATION PRIZE

Charles Cohen, Baker Heart and Diabetes Institute

Diastolic dysfunction in a pre-clinical model of diabetes is associated with changes in the cardiac non-myocyte cellular composition. Cardiovasc Diabetol. 2021

ISHR POSTDOCTORAL PUBLICATION PRIZE

Dr Meredith Redd, University of Queensland

Therapeutic inhibition of acid sensing ion channel 1a recovers heart function after ischemia-reperfusion injury. Circulation. 2021

HEART, LUNG AND CIRCULATION PRIZES

BEST REVIEW PRIZE 2021

The Best Review Prize (2021) is an early career prize given to the eligible first author of the best review paper published in a 2019 (Volume 28) print edition of Heart, Lung and Circulation (HLC).

Winner: Amer Harky

First author of the review: The Future of Open Heart Surgery in the Era of Robotic and Minimal Surgical Interventions. [Heart Lung Circ 2020;29:49-61.]

HIGH IMPACT AWARDS FOR ORIGINAL RESEARCH 2021

Awarded to the most successful ("high impact") original research paper or papers published in a print edition in 2020, as judged by 3 criteria: citations; downloads and alternative metrics-PlumX Metrics.

2021 HIGH IMPACT AWARD FOR ORIGINAL RESEARCH (CITATIONS)

Winners: Sultani R, Tong DC, Peverelle M, Lee YS, Baradi A, Wilson AM.

Elevated Triglycerides to High-Density Lipoprotein Cholesterol (TG/HDL-C) Ratio Predicts Long-Term Mortality in High-Risk Patients. [Heart Lung Circ 2020;29:414-421.]

2021 HIGH IMPACT AWARD FOR ORIGINAL RESEARCH (DOWNLOADS)

Winners: Tran-Duy A, McDermott R, Knight J, Hua X, Barr ELM, Arabena K, Palmer A, Clarke PM.

Development of Use of Prediction Models for Classification of Cardiovascular Risk of Remote Indigenous Australians. [Heart Lung Circ 2020;29:374-383.]

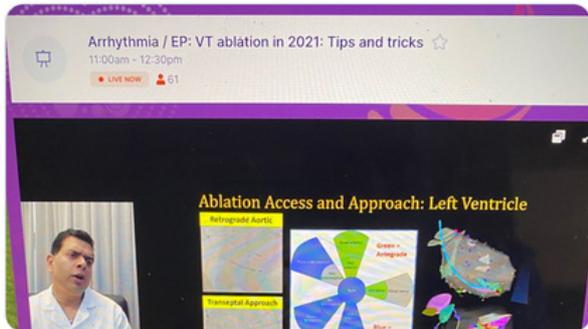
2021 HIGH IMPACT AWARD FOR ORIGINAL RESEARCH (ALTERNATIVE METRICS)

Winners: Anderson JA, Lavender M, Lau E, Celermajer D, Collins N, Keating D, Keogh A, Kotlyar E, Ng B, Proudman S, Steele P, Thakkar V, Weintraub R, Whitford H, Williams T, Wrobel J, Strange G.

Pharmacological Treatment of Pulmonary Arterial Hypertension in Australia: Current Trends and Challenges. [Heart Lung Circ 2020;29:1459-1468.]

#CSANZ2021: THE VIEW FROM ONLINE & TOP TWEETS

Prof Chris Semsarian @CSHeartResearch · Aug 6
Great talk @drrpathak on ablation of intracavity PVCs #csanz2021 I'm not an EP but phenomenal cases presented! @thecsanz @PrashSanders @martinkstiles



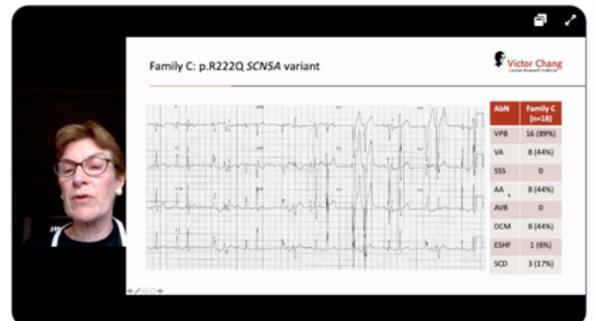
Clara Chow @clara_chow · Aug 6
Other novel ways of lowering BP via carotid body modulation, see Gaston Baur lecture by @markus_schlaich #csanz2021 @thecsanz @AnastasiaSMihai @CSHeartResearch



Julie Redfern @JRedHeart · Aug 6
Thanks for a great talk @clark_ra on importance of nurse-patient ratios and data-driven care #cvd @CHAPproject #csanz2021 @caleberg



James Chong @jameschong_doc · Aug 7
Have you seen an ECG like this? Think of early genetic testing, possible R222Q SCN5A mutation. Brilliant Kempson Madox lecture by Prof Diane Fatkin. Day 2 #CSANZ2021 @fatkinlab @VictorChangInst @thecsanz @CSHeartResearch @SaurabhkumarEp @clara_chow @AnastasiaSMihai



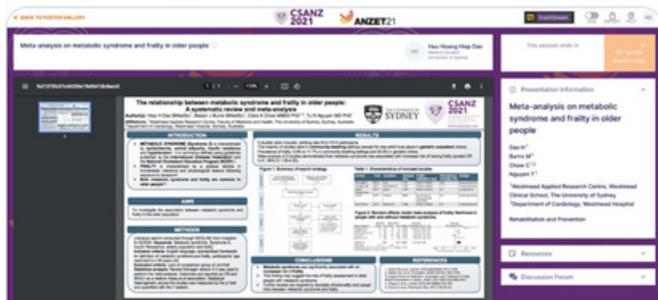
STARTING NOW! Our ECI Committee Co-chairs @celinefsantiago and @Dr_YKTham introduce their illustrious guest panelists for the ECI Lunchtime Panel Discussion "Beyond the Benchside" @gemtreee @HelenaViolaUWA @CSHeartResearch @LabBell @thecsanz #CSANZ2021 #CVresearch #ECRchat #ECR



Amanda Buttery @AKButtery · Aug 7
Great to hear about the Australian Genetic Heart Disease Registry. Such an important resource for Australia and for worldwide CVD research. @jodieingles27 @CSHeartResearch #CsanZ2021 @thecsanz



Westmead Applied Research Centre, USyd @WARC_USYD · Aug 11
This #csanz2021 poster presentation is a systematic review and meta-analysis on the relationship between metabolic syndrome and #frailty in older people. @clara_chow @DrTuNguyen @thecsanz



Rochelle Wynne @rochellewynne · Aug 7
#CSANZ2021 #NursingResearch Nursing Prize Finalist @caleberg Brilliant work toward understanding patient education needs for AF @thecsanz @CSANZCNC



A/Prof Caleb Ferguson @caleberg · Aug 7
10 hrs virtual conference today. It was fabulous, & such a great showcase of phenomenal science & always so awesome to catch-up with all my ANZ cardio buddies. My eyes are so tired! Kudos to all the organising committee & speakers! Until next year, it's been a hoot! ❤️ #csanz2021

2021 CSANZ NEW ZEALAND HIGHLIGHTS

The 2021 CSANZ New Zealand meeting was held in June 2021 with over 430 delegates and 100 industry partners in attendance. There was the full range of cardiology covered over the two and a half day meeting. The structural and nursing themed sections in particular were a huge success and extremely well attended.

Thank you to all presenters and especially to the three overseas speakers, Sarah Zaman from Sydney and Caroline Ho and John Teerlink from the United States. All three gave outstanding presentations.



Prof Paul Bridgman (NZ ASM Convenor) welcomes all to the 2021 CSANZ NZ Meeting



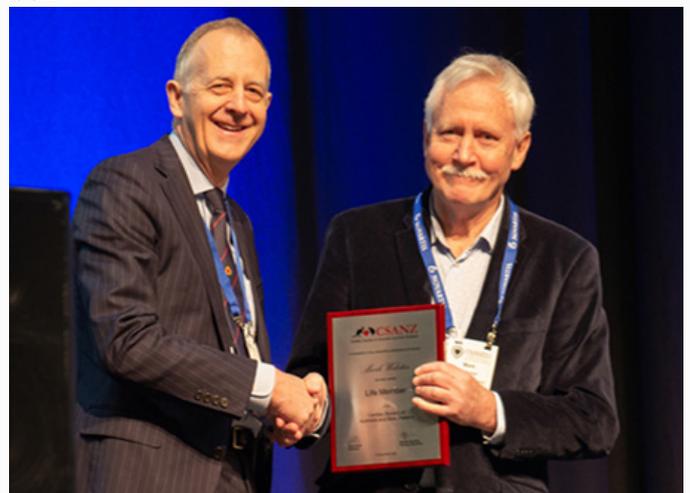
A/Prof Andrew Kerr receiving the New Zealand Cardiac Medal from Prof Michael Williams, NZ Chair

CSANZ LIFE MEMBERSHIP AWARD

Prof Mark Webster was presented with a CSANZ Life Membership Award at the 2021 CSANZ New Zealand Meeting.

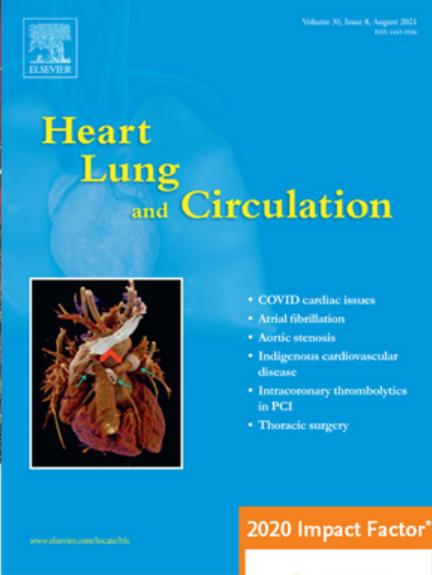
Mark Webster has made an outstanding contribution to CSANZ over four decades. Upon his return to Green Lane Hospital from the Mayo Clinic, he has served on multiple CSANZ Board Committees including the Professional and Ethical Standards Committee (PESC) and the Continuing Education and Recertification Committee (CERC) and he was the Convenor of 2001 CSANZ ASM. Mark has been a member of the NZ Regional Committee Executive for much of the past 25 years, serving as Secretary from 2000-2002. In 2011, Mark was appointed the NZ-elected CSANZ Board Member.

Mark's wisdom and leadership are valued by the cardiology community and Society alike. This was reflected when he was voted President-elect of the Society in 2015. During Mark's tenure as President he forged a closer relationship with the European Society of Cardiology and the American College of Cardiology. He oversaw financial optimisation of the Annual Scientific Meetings and he lead the Society into areas of accreditation and national registries – he continues as a Board member of the Australasian Cardiac Outcomes Registry (ACOR).



Presentation of Life Membership Award to Prof Mark Webster by Prof Michael Williams, NZ Chair

CALL FOR PAPERS



Volume 21, Issue 8, August 2021
ISSN: 1443-9506

Heart Lung and Circulation

- COVID cardiac issues
- Atrial fibrillation
- Aortic stenosis
- Indigenous cardiovascular disease
- Intracoronary thrombolytics in PCI
- Thoracic surgery

2020 Impact Factor*

2.975

*2020 Journal Citation Reports, Clarivate Analytics

ISSN: 1443-9506

Heart, Lung and Circulation

SPECIAL ISSUE

Environment, Climate and Cardiovascular Health

The 2022 Special edition of *Heart, Lung and Circulation* will examine the impact of environment and climate, pollution, extreme weather events and more on cardiovascular health, as well as potential solutions to current and future cardiovascular health impacts.

The Special Issue Guest Editors welcome the submission of original research (including systematic review) articles addressing any aspect of this topic, including:

- Biological mechanisms mediating impact of environmental drivers of cardiovascular disease
- Equity specific impacts (including gender, culture, socio-economic status, etc) of environmentally driven cardiovascular disease
- Interventions to mediate the effects of environment on cardiovascular health
- Advocacy and leadership initiatives to improve cardiovascular outcomes related to climate and environment
- Forecasting of cardiovascular outcomes related to climate change and environmental disasters using big data
- Urban planning, city design and cardiovascular outcomes (noise, air quality etc.)
- AI, and digital health and environment

For advice on potential suitability of any proposed manuscript, please contact Ann Gregory, Commissioning Editor, in advance at ann.gregory@hlc-journal.net.au

For general guidelines on the appropriate preparation of manuscripts please visit the journal's website. Manuscripts will be subject to peer review.

Please submit your paper to *Heart, Lung and Circulation* www.journals.elsevier.com/heart-lung-and-circulation via Editorial Manager, indicating that it is intended for this special issue (SI) by selecting "SI:ENVIRONMENT 2022" as Article type.

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Sydney, Australia

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Professor Caleb Ferguson
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University, Australia, and University of
Illinois at Urbana-Champaign, USA

Professor Gemma Figtree
University of Sydney, Australia

**Deadline for submissions
1 December 2021**



VISIT THE JOURNAL HOMEPAGE
www.journals.elsevier.com/heart-lung-and-circulation

"There are established dedicated sports cardiology courses and training programs in Europe and the USA.

As a rapidly evolving field, we are interested to assess what the demand might be for a structured program in Australasia."

*By Dr Belinda Gray^(1,2)
and
A/Prof Andre La Gerche^(3,4)*

The emerging sub-specialty of sports cardiology has been an area of significant growth in recent years with recognition that there are unique diagnostic challenges in identifying cardiac pathology and specific management considerations amongst athletes and exercise enthusiasts. Whilst there is an increased general awareness of the importance of physical activity in reducing one's overall risk of cardiovascular disease there is also increased awareness of the potential for high level athletes to have underlying inherited or acquired cardiovascular disease that may place them at risk of adverse events during physical activity. Therefore the American College of Cardiology and the European Society of Cardiology have established their own councils for Sports Cardiology as well as developing specific sports cardiology guideline documents. There is now a recommendation from both councils, that athletes should be reviewed in a centre with specialised expertise in sports cardiology in order to minimise harm to the athlete; by ensuring diagnostic accuracy and appropriate management recommendations are implemented for sports men and women.

Athletes represent the fittest individuals in our society, yet paradoxically some studies have suggested that they are at increased risk of sudden cardiac death when compared to the

SPOTLIGHT
ON

THE EMERGING FIELD OF SPORTS CARDIOLOGY

general population. Up to 50% of young athlete sudden deaths are due to pre-existing cardiac conditions including inherited heart muscle and heart rhythm problems.

Being able to identify those individuals who may be at risk of sudden cardiac death during exercise is only one part of practicing sports cardiology. Being able to accurately order and interpret diagnostic testing in athletes is also a key role of a sports cardiologist. There are a number of "normal" cardiac adaptations that occur in athletes. There are profound changes in cardiac structure, function and electrophysiology. The study of sizeable athletic populations are required to provide an adequate description of the spectrum of normal athletic remodelling. This is critical to enable differentiation from subtle cardiac pathology. Like all areas of cardiology, this is a niche area of knowledge that is required to best manage athletic individuals presenting with syncope, fatigue, palpitations or abnormalities on screening/ incidental findings. Clinicians working in this field will be all too familiar with a simple observation (profound bradycardia, for example) leading to a cascade of tests, an incorrect diagnosis of pathology and exclusion from sport.



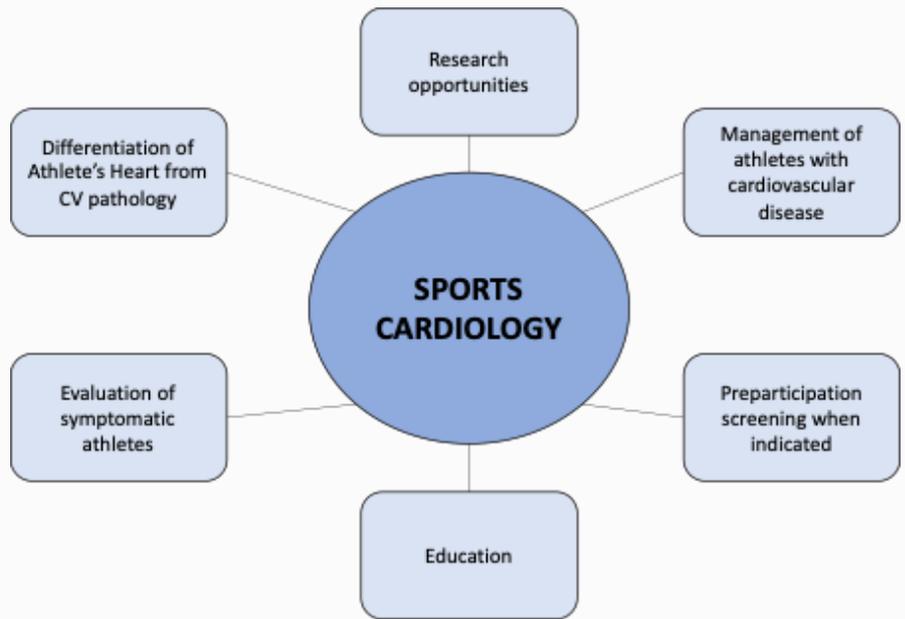
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A/Prof Andre La Gerche

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Or the corollary, such as the athlete with inferolateral T-wave inversion and wall thickness increase that is diagnostic of hypertrophic cardiomyopathy but is incorrectly labelled 'athlete's heart' because of vague recall that athletes have funny ECGs and echos.

The practice of sports cardiology requires a knowledge of cardiac imaging, clinical electrophysiology and inherited heart disease superimposed with an appreciation of exercise physiology. Moreover, like all fields of cardiology, expertise is acquired through practice and observation.

There are established dedicated sports cardiology courses and training programs in Europe and the United States. As a rapidly evolving field, we are interested to assess what the demand might be for a structured program in Australasia.

We have developed dedicated specialised sports cardiology services in Sydney and Melbourne and are aware of several specialists around Australia and New Zealand who have a dedicated interest and expertise. We believe that it is timely to form an interest group within CSANZ to assess demand for training and dedicated service provision whilst also providing a forum for discussing interesting cases and progress within this niche field.

"We invite any interested parties to contact us as we seek to establish the CSANZ working group for sports cardiology."

- (1) Department of Cardiology, Royal Prince Alfred Hospital, Sydney NSW
- (2) Central Clinical School, Faculty of Medicine and Health University of Sydney NSW
- (3) Baker Heart and Diabetes Institute, Melbourne VIC
- (4) St Vincent's Hospital Melbourne VIC

THE CSANZ MEMBER WEBSITE

Login to Access the
CSANZ MEMBER
FORUM COMMUNITY

CSANZ.EDU.AU

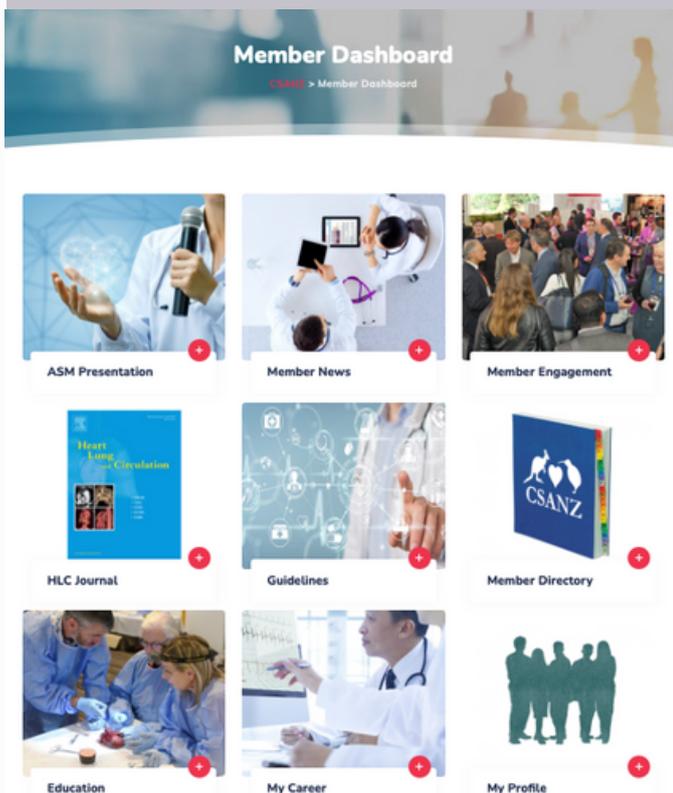
The CSANZ Member's only platform is accessed by your CSANZ member login. Please contact us if you have trouble logging in and we can easily reset your password.

There are 9 tiles to access including: highlighted links to ASM presentations, videos to watch, and podcasts to listen to. Access to the latest e-news and the On the Pulse magazine, the HLC Journal, CSANZ member directory, access to update your own member profile details, see billing information and join new communities.

There's also an evolving educational platform and career opportunities at your fingertips.

"Our new CSANZ Members Dashboard is an exciting place to collaborate and engage with others"

[Explore the new csanz member dashboard now](#)

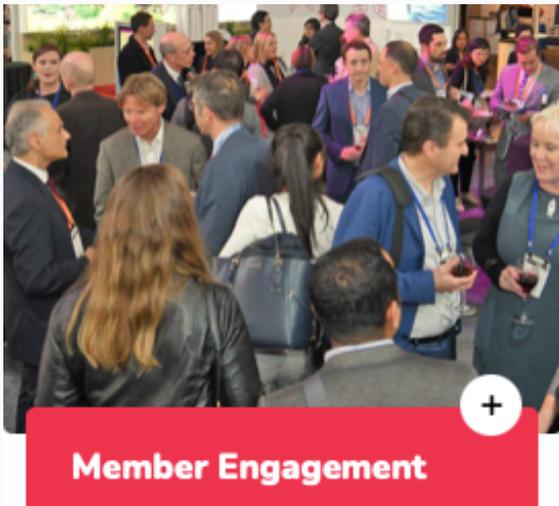


BEHIND THE MEMBER DASHBOARD TILES

ASM Presentation
Member News
Member Engagement
HLC Journal
Guidelines
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Videos, Podcasts and Presentations to watch and learn
See the latest CSANZ and cardiology news plus what's on
Start a Conversation in our Member Forums, network and collaborate
Direct Access to the online Journal
Up to date Position Statements, Guidelines, Training and Certification
Look up and contact other Members of the CSANZ family
Access to HeartOne, education tools and information
Read stories from mentors, find important tips and tools to assist your career
Update your membership contact details and check billing

WHAT IS CSANZ MEMBER ENGAGEMENT ?



As you click on the Member Engagement tile on the CSANZ website - a whole new Community will appear. Inside this Community you will find forums with a variety of topics to discuss. Post, like and share a comment, ask a question, create a poll, and upload images and pdfs for discussion.

THIS IS YOUR TIME TO SHINE

START THE CONVERSATION!

Forums have been created by stream of practice plus additional cross discipline forums e.g. Education, Grants, Training, Clinical and Research. You have already been "subscribed" to your initial community forums via your Councils of interest stated on your CSANZ membership form, when joined. However, you are able to subscribe or unsubscribe from any forum in the community and subscribe or unsubscribe from any particular topic of conversation within a forum.

My Communities

Start a conversation

Start a discussion, like, post a comment, upload images and share information (pdf) with your community and other members.

Advanced Trainees

This is the Community for Advanced Trainees

Newest member:

UNSUBSCRIBE

DISCUSSIONS 5

UNSUBSCRIBE

MEMBERS 0

Allied Health

This is the Community for Allied Health members

Newest member:

UNSUBSCRIBE

DISCUSSIONS 3

UNSUBSCRIBE

MEMBERS 0

Fresh Topics

CSANZ 2021 wrap up

by **Dion Candelaria**

Yes, congratulations to the Nursing Prize Finalists! And particula ...

[▶ Read More](#)

1 week ago, 1 Reply

Definity during stress echo

by **Bonita Anderson**

Reaching out for a colleague who has the following questions: 1. ...

[▶ Read More](#)

1 week ago

Seeking participants in Study on ...

by **CSANZ Admin**

Seeking participants in Study on Blood Pressure Lowering Therapy ...

[▶ Read More](#)

1 week ago

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AMERICAN
COLLEGE *of*
CARDIOLOGY

Australia and New Zealand Chapter

Did you know CSANZ is an official International Chapter of the American College of Cardiology (ACC)?

CSANZ has been an International Chapter of the ACC since 2012. As an International Chapter CSANZ works collaboratively with the ACC on a number of initiatives and recommends members for ACC workgroups, councils and committees; hosts the ACC in-training exam and holds joint sessions at ACC scientific sessions. Some of the current ACC initiatives are:

- [Non-Communicable Diseases \(NCD\) Academy](#)
- [Global Heart Attack Treatment Initiative](#)
- Value-Based Healthcare

In addition, CSANZ is able to pass on a number of ACC benefits to our members including:

- Discounted membership of ACC
- Networking opportunities amongst FACC and other cardiologists affiliated with the ACC
- Participation in Fellows-in-Training Jeopardy competitions

Become an ACC Fellow or Member

As an international member of the American College of Cardiology, you can access resources designed to help you advance cardiovascular care, including:

- Free digital access to [8 x JACC Journals](#)
- 20+ [clinical topic collections](#) with the latest information on your specialty
- Discounted registration to the [ACC Annual Scientific Session](#)
- Member Hub - an exclusive networking platform to help you get answers and connect with those that share your interests and specialty

For more information about becoming an ACC member go to the [ACC website](#)

****FREE ACC MEMBERSHIP** for early career, advanced trainees and students**

The ACC is pleased to offer complimentary membership to advanced trainees, BPTs, medical students and Cardiovascular Team students (nurses, pharmacists, PAs, and cardiovascular technologists). For further information and to take up this free offer go to: <https://www.acc.org/Membership/Join-Us/Trainees-Students>.

UPCOMING MEETINGS



**ESC Congress 2021 -
The Digital Experience**

27 - 30 August 2021

ESC Congress 2021 from Friday 27 August 2021

Registration gives you access to:

- The online scientific programme
- All on demand resources from the Congress until 13 Sept 2021
- Industry-sponsored sessions and Virtual exhibitions
- Online abstract supplement of the European Heart Journal

Registration is open until 30 Aug 2021



The Virtual APSC 2021 will be held from Fri 1 Oct to Sun 3 Oct 2021
APSC 2021 will feature various plenaries, symposia, interactive sessions,
joint symposium with educational values.

Standard Registration Fees will increase after 1 Sept 2021



The American College of Cardiology will host the 71st Annual Scientific
Session & Expo in Washington, DC, 2 – 4 April, 2022. In tandem ACC.22
Virtual will allow colleagues who are unable to attend in person to
participate real-time with a global audience.



**AMERICAN
COLLEGE of
CARDIOLOGY**

ACC Member Registration will open 13 Oct 2021
Early Bird Registration will open on 27 Oct. 2021

See you at the Gold Coast in August 2022



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



ANZET22

16th Annual
Australia & New Zealand
Endovascular Therapies Meeting

Friday 12 August – Sunday 14 August 2022
Gold Coast Convention and Exhibition Centre

www.anzet.com.au

NEW FELLOWS AND MEMBERS

The Society extends a warm welcome to all new Fellows and Members admitted from May-Aug 2021

FELLOWS

Dr Ken Jin Boon (NZ), Dr Susie Cartledge (VIC), Dr Sujith Chacko (SA), Dr Timothy Colen (QLD), Dr Kok Lam Chow (NZ), Dr Peter Fahmy (NSW), Dr Giuseppe Femia (NSW), Dr Kamran Majeed (NZ), Dr Robert Park (QLD), Dr Abdul Rauf Sheikh (SA), Dr Benjamin Wilkins (NZ), Dr Michael Wong (VIC)

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On the Pulse Magazine

For information regarding submissions for
On the Pulse please email us: info@csanz.edu.au

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



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