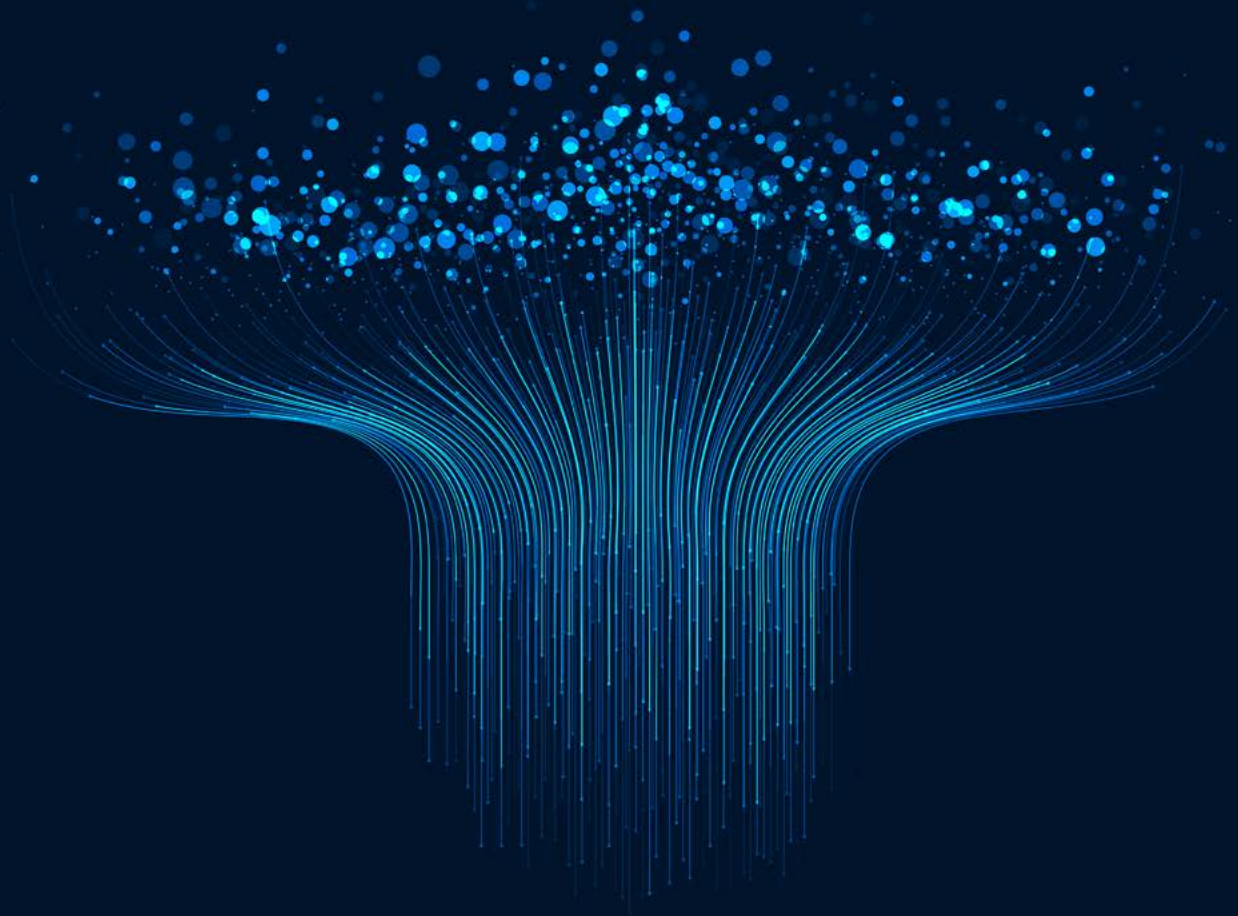


Australian and New Zealand Intensive Care Research Centre Annual Report 2025





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It is with great pleasure that I introduce the 2025 annual report of the ANZ Intensive Care Research Centre (ANZIC-RC), and congratulate everyone working in, or collaborating with, our Centre.

In 2025 we mourned the sudden loss of our dear friend and colleague, the extraordinary and exemplary clinician researcher, Professor Rinaldo Bellomo AO. We are truly fortunate to have had Rinaldo as Co-Director of the ANZIC-RC for 20 years, leading innovative research programs and playing a major role in training and mentoring the next generation of intensive care academic clinicians.

During 2025, the ANZIC-RC led 16 ongoing NHMRC/MRFF-funded randomised trials in different aspects of intensive care medicine, 10 Research Programs, 4 Research Platforms, 2 National Clinical Registries and 1 Centre of Research Excellence. Furthermore, during 2025 the ANZIC-RC (as the coordinating centre) received 9 new NHMRC/MRFF grants totalling over \$23 million including NHMRC Centre for Research Excellence and Synergy grants (CIA Carol Hodgson), and 2 Investigator grants (CIA Webb L3; CIA Ridley EL2); and MRFF grants for a trial in Glucocorticoids in Adults With Acute Respiratory Distress Syndrome (CIA Serpa Neto), Survivorship (CIA Hodgson), a trial of ongoing telerehabilitation and support for patients who have received ECMO (CIA Higgins), Precision medicine Adaptive Network Platform Trial in Hypoxemic acute respiratory failure (CIA Burrell), and for the Australasian Traumatic Brain Injury Collaboration Data Infrastructure (CIA Udy). Recruitment for 3 clinical trials completed in 2025: ARISE-FLUIDS (CIA Peake), PRECISION-TBI (CIA Udy) and SODA-BIC (CIA Serpa Neto). ARISE-FLUIDS (Australasian Resuscitation In Sepsis Evaluation FLUID or vasopressors In emergency Department Sepsis) enrolled 1,000 patients; PRECISION-TBI (A multi-centre prospective observational cohort study of patients with moderate to severe traumatic brain injury) recruited 300 patients; and SODA-BIC (SODium BICarbonate for Metabolic Acidosis in the Intensive Care Unit a multicentre, randomised, double-blind clinical trial) enrolled 500 patients. Additional outputs include 390 papers published in 2025. The CLIP II (Phase III multicentre, blinded, randomised controlled clinical non-inferiority trial of cryopreserved platelets verses conventional liquid-stored platelets for the management of surgical bleeding) results were published in JAMA (CIA Reade).

I would like to thank our whole team of wonderful staff, adjuncts, students, affiliates and visiting researchers for their plain hard work and dedication to our Centre and its many programs.

*D. Jamie Cooper AO
Sir John Monash Distinguished Professor
Co-Director ANZIC-RC*



About the ANZIC-RC

The Australian and New Zealand Intensive Care Research Centre (ANZIC-RC) supports the design, funding and conduct of large, randomised trials answering key clinical questions in intensive care medicine. The findings have improved clinical care and outcomes for ICU patients in Australia and internationally, and lowered health care costs. The ANZIC-RC is also a national teaching centre for clinician researchers at all levels in intensive care.

Established in 2006 with a National Health and Medical Research Council Enabling Grant and Monash University support, the ANZIC-RC is in the Monash School of Public Health and Preventive Medicine. It is located within the Alfred Research Alliance, adjacent to The Alfred Hospital, Melbourne. The ANZIC-RC offers a range of services, from research advice to complete randomised trial management, to clinical registries.

The aims of the ANZIC-RC are to:

- Conduct high-impact, large-scale, investigator-initiated clinical trials designed to determine best and most cost-effective practice in Intensive Care Medicine (ICM)
- Increase the quality of clinical trial design and biostatistical analysis in this field
- Be readily accessible to all Australian and New Zealand clinician-researchers in critical care
- Expand the national and international reach of large Australian and New Zealand led trials
- Introduce systems to integrate research results into clinical practice by promulgating research-based practice guidelines
- Develop integrated clinical research programs that provide the training ground for future clinical trialists in the field of ICM
- Encourage and support clinician researchers in research theory, study design, study conduct, data analysis and scientific writing.

Awards

Congratulations to our team members who received awards in 2025, including:

- National Health and Medical Research Council (NHMRC) Elizabeth Blackburn Investigator Grant Award for Leadership in Clinical Medicine and Science: **Carol Hodgson**
- **Lisa Higgins** received both the Premier's Award for Health and Medical Research Excellence, and the Premier's Clinician Researcher Award
- NHMRC Investigator Grants awarded to: **Steve Webb (L3), Emma Ridley (EL2)**
- Asia Pacific Intensive Care Symposium (APICS) Best Allied Health Abstract Award 2025: **Lisa Higgins**
- Australian Physiotherapy Association Scientific Conference Best Clinician Paper: **Michelle Paton**
- Monash Institute of Medical Engineering Women in STEMM Student Leader Award: **Lane Carrandi**
- Monash Partners Strategic Translation and Research (STAR) Clinician Fellowship: **Toby Jeffcote**
- Monash Partners Early-Mid Career Researcher (EMCR) Consumer and Community Engagement Award: **Emma Ridley**
- Member of the PITCH 2025 PhD Grand Challenges Interdisciplinary Workshop Monash University Indonesia: **Lane Carrandi**
- PhDs conferred: **Avishka Wickramarachchi, Sara Carrillo, Paul Secombe, Gemma Pound**





Acute Brain Injury Program



Lead: Prof Andrew Udy

The ANZIC-RC Acute Brain Injury Program had another successful year and welcomed five new team members. The program was awarded an MRFF Research Data Infrastructure grant to continue the PRECISION-TBI program, as well as another MRFF grant, CONNECT-TBI (CIA Gabbe, CIB Udy). The group also secured two research fellowship grants.

The BONANZA-GT continued to expand, with 31 participating sites across 10 different countries. The trial achieved its highest annual recruitment since commencement. Expansion occurred in Europe/UK. The protocol paper was published in BMJ Open.

The first phase of PRECISION-TBI completed recruitment (n = 300) in August 2025, with several publications planned for 2026. Phase II of PRECISION-TBI, funded by the new Research Data Infrastructure grant, will enable recruitment of a further 200 participants and facilitate data linkage with pre-hospital services and AROC. Dr Toby Jeffcote was awarded a STAR Fellowship (Monash Partners) to support his ongoing work and leadership within the PRECISION-TBI program.

All embedded sub-studies continued to progress: 1) Ketamine in TBI: now recruiting at Auckland Hospital. 2) Polyol CSF biomarker: expected to be completed in 2026. 3) Artificial intelligence approaches for analysis of CT imaging and outcome prediction in mTBI: ongoing in collaboration with colleagues in SA. 4) Feasibility of early serum GFAP and UCH-L1 testing: commenced in December 2025 and has already achieved one quarter of the recruitment target.

The aSAH research group secured its first funding this year. A/Prof Eamon Raith received a Queensland Health Fellowship to support the PRECISION-SAH study. Ethics approval for PRECISION-SAH has been obtained, and recruitment is expected to commence in the coming months. Prof Gentle Shrestha (PhD scholar) published the first paper of his PhD in BMJ Open.

During the year, the team welcomed Dr Vanessa Carnegie, Dr Laviaraj Premraj, Bridget Howard, Samuel Golding, and Dr Sung Wook Chung. For further information please go to:

www.monash.edu/medicine/sphpm/anzicrc/research/anzic-rc-acute-brain-injury-program

Data Sciences & Health Services Research Program



Lead: Prof David Pilcher

The Data Sciences and Health Services Research Program is led by Professor David Pilcher. This program utilises the extensive experience and expertise of the ANZIC-RC and the ANZICS in clinical registries and big data.

The program's projects include ANZICS-PROEMs (Patient Reported Outcome and Experience Measures). This project is part funded through the MRFF NICE-DATA (National Intensive Care Data Infrastructure Initiative, CIA Hodgson). ANZICS-PROEMs Implementation continues across adult and paediatric ICU sites. Sixteen Adult sites are complete, one finishing in April 2026, and four South Australian sites have received digital approval and preparing to launch. Among paediatric sites, five await governance approval, while two have been approved and are preparing to launch. Approximately 21,000 ICU Experience and 34,000 PROMs survey invitations have been distributed.

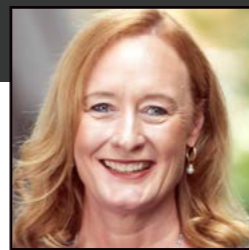
In 2025, the Data Sciences and Health Services Research Program contributed 39 peer-reviewed publications in high-impact journals including *JAMA*, *JAMA Network Open*, *Intensive Care Medicine*, *British Journal of Anaesthesia*, *Critical Care Medicine*, *Circulation and Heart Failure*, and *Resuscitation*.

ECMO Program

The ECMO program of research continued its strong momentum in 2025, as evident through new and continued funding, a prolific output of high-impact publications and a deepening commitment to consumer and community-led engagement. A significant highlight was the awarding of an MRFF Cardiovascular grant (ECMO-Recovery, Higgins, CIA) focusing on long-term patient outcomes. This complements ongoing funding for the RECOMMEND Platform trial (\$2.9M, CIA Hodgson), and ECMO-Prompt pilot trial (\$40K ANZ Intensive Care Foundation, CIA Higgins).

The EXCEL Registry continues to be the cornerstone of our program, with 7 embedded studies, including REDEEM and PRECISE with total enrolments exceeding 2,850 patients. The 4th Annual EXCEL Symposium was held in March, with over 120 attendees. The event featured an expanded consumer meeting with over 15 survivors and family members, and saw the introduction of the best EXCEL-related Publication Award, presented to PhD candidate Gemma Pound.

Our program also achieved several key milestones. For trials embedded within the EXCEL Registry, the OBLEX transfusion trial and ECMO-Rehab trial in early mobilisation were completed and published (*Crit Care*, 2025; ECMO-Rehab, early 2026 respectively). The ROSETTA blood transfusion trial also met recruitment targets and has been included in the RECOMMEND Platform Trial. Our academic output remained robust with over 15 publications, including research on longitudinal ECMO outcomes (Serpa Neto, *AJRCCM*), long-term outcomes in VA ECMO (Serpa Neto, *Circ Heart Fail*) and neurological complications (Brown, *CCM*). Additional research addressed health resource utilisation (Papanikolaou, *CJC Open*), the impact of COVID-19 on nursing experience (Ross, *Nurs Health Sci*) and a protocol for ECMO guidelines (Newman, *Crit Care Resusc*). Our program continues to support emerging researchers with 4 ongoing PhD students. For further information, please go to: www.monash.edu/medicine/sphpm/excel/



Co-Lead: Prof
Carol Hodgson



Co-Lead: A/Prof
Aidan Burrell

Health Economics Program

In 2025, the Health Economics (HE) Program continued to promote the inclusion of economic analyses in intensive care clinical trials, and provided opportunities for mentoring and HE training relevant to critical care. It continued to foster development of HE expertise with: three primary PhD scholars; an additional six PhD scholars with a HE component to their research; an Honour's student; and three Scholarly Intensive Placement (SIP) students. The program produced high-quality publications, including the [Cost-Effectiveness of Early Active Mobilization](#)

[During Mechanical Ventilation in the ICU: An Economic Evaluation Alongside the TEAM Trial](#); [The Cost-Effectiveness of Mild Hypercapnia After Out-Of-Hospital Cardiac Arrest: a Health Economic Evaluation Alongside the TAME Study](#); the [Cost-Effectiveness of Cryopreserved vs Liquid-Stored Platelets for Managing Surgical Bleeding](#); and [Health Economic Evaluations in Intensive Care: An Updated Systematic Review](#). In addition, the results of the economic evaluations alongside the PATCH and CLIP II trial were presented at the Asia Pacific Intensive Care Symposium (APICS) meeting in Singapore, where SIP student Aryan Singh also presented findings from the observational study assessing the discharge summaries of ECMO-treated patients. The economic evaluation alongside the CLIP II trial was also presented at the Critical Care Reviews Down Under Conference. Dr Lisa Higgins and Lane Carrandi spoke on current challenges in health services research/health economics at the Research Australia Health Economics Symposium at the National Press Club of Australia. Lane Carrandi co-led the HE and implementation science workshop at the ACTA International Clinical Trial Symposium, and was an invited speaker at both the University of Warwick Centre for HE, and the NIHR Applied Research Collaboration (ARC) Implementation Leads Meeting (UK). Members of the HE program received numerous awards, including Dr Lisa Higgins' Premier's Award for Health and Medical Research Excellence, and the Premier's Clinician Researcher Award; also the APICS Best Allied Health Abstract Award. Research fellow and PhD student Lane Carrandi was the recipient of the Monash University Women in STEMM Student Leader Award, and was awarded the PhD Grand Challenges Interdisciplinary Mobility Workshop Representative (Monash Indonesia Campus). Further info: <https://www.monash.edu/medicine/sphpm/anzicrc/research/anzic-rc-health-economics-program>



Lead: Dr
Lisa Higgins

Mechanical Ventilation Program

Mechanical ventilation (MV) plays a critical role in the management of critically ill patients. However, MV can also lead to complications such as ventilator-associated lung injury (VILI) and ventilator-induced diaphragm dysfunction (VIDD). There is an urgent need to advance MV strategies to optimise patient outcomes, minimise complications, and improve quality of care.

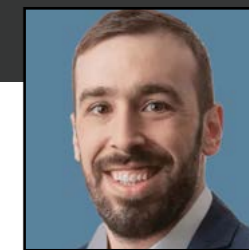
The MV Program, led by A/Prof Ary Serpa Neto, was established to:

1. Conduct high-quality, clinically meaningful research that addresses consumer needs and generates new knowledge to inform global MV practice;
2. Improve capacity and skills in MV research across ANZ; and,
3. Mentor academic clinician-researchers from all disciplines with an interest in MV. Several major trials are currently embedded within the program.

The DRIVE (DRIVing PrEssure-Limited Ventilation in Hypoxaemic Respiratory Failure) trial is actively recruiting and has already enrolled more than 50 patients across close to ten sites. The GuARDS trial, investigating the impact of dexamethasone in patients with ARDS, is fully funded by the MRFF and is ready to commence recruitment. In addition, the program has a strong focus on pressure support ventilation (PSV) research. Three PSV-focused studies have recently been completed and were submitted for publication, and a large, multicentre observational study is now ready to commence across ANZ. This study will comprehensively evaluate contemporary PSV practices in both countries, addressing an important gap in current knowledge. The MV Program has also generated studies examining respiratory effort monitoring, intra-operative ventilation strategies, and the efficacy of prone positioning. Collectively, these projects represent a comprehensive and coordinated effort to refine MV practices and improve outcomes for critically ill patients.

For further information on current projects and publications, please visit:

<https://www.monash.edu/medicine/sphpm/anzicrc/research/anzic-rc-mechanical-ventilation-program>



Lead: A/Prof
Ary Serpa Neto

Nutrition Program

In 2025, the Nutrition Program delivered a highly productive and impactful year, contributing 27 peer-reviewed publications and advancing a coordinated program of research across adult and paediatric critical care. A major international milestone was the publication of INTENT, the first whole-of-hospital nutrition intervention trial in critical care, demonstrating the feasibility and importance of extending nutrition interventions beyond the ICU into ward-based recovery and redefining the scope of nutrition trials in critical illness. The MRFF Clinician Researchers Initiative, "A national platform for improving quality of nutrition care for critically ill adults and children", continued to progress, with engagement across >55 adult and 10 paediatric hospitals nationally. The NUTRIENT World Café brought together >70 clinicians and >10 consumers from ANZ to collaboratively prioritise outcomes, identify evidence gaps, and inform experience-based co-design of future nutrition care models. Consumer governance remained integral to the program, with oversight provided by a dedicated nutrition consumer committee. Recruitment was successfully completed for two multicentre pilot feasibility randomised controlled trials—DIRECT and CONTINUE. CONTINUE, evaluating continuation of enteral nutrition compared with usual care prior to extubation, enrolled 60 patients across three centres, while DIRECT, a multicentre trial of indirect calorimetry for patients with obesity, completed recruitment across five hospitals in ANZ. These trials provide critical feasibility data to inform future phase III funding submissions. The program also strengthened international collaboration, hosting leading global experts in critical care nutrition in Prato to support methodological alignment, cross-trial learning from INTENT, and development of future adaptive platform trials. A/Prof Ridley was invited to join the Global Research Initiative for Post-ICU Nutrition (GRIP) and attended an international expert meeting in Bruges, Belgium, contributing to strategic discussions shaping the global research agenda for post-ICU nutrition. Within the Metabolism Program, the MEASURE study analysing ten years of indirect calorimetry data from 629 patients was published, and recruitment was completed for ECMO-Nutrition, with results presented at national conferences and a manuscript submitted. For further information, please go to:

www.monash.edu/medicine/sphpm/anzicrc/research/anzic-rc-nutrition-program



Lead: A/Prof
Emma Ridley

Recovery Program

In 2025, the ICU Recovery Program had another productive year, marked by substantial new funding, high-impact publications, and the expansion of its postgraduate research cohort. The program secured two major new grants: an NHMRC Synergy (\$5M, Hodgson CIA) focused on personalised medicine for the complex critically ill, and an NHMRC CRE (CRE-VALUE, \$3M, CIA Hodgson), which will improve value-based care for the critically ill and reduce healthcare costs. Ongoing funding includes NICE-DATA (\$2.5M, CIA Hodgson), DRIVE (CIA Hodgson), and IMPROVE-65 (\$2M, CIA Hodgson). Significant project milestones were achieved this year. The Mega-ROX trial and LOGICAL sub-study on oxygen targets completed recruitment of 40,000 participants, with primary results anticipated in 2026. COVID-Recovery and ECMO-Rehab were also completed and due for publication (early 2026).

Visiting post-doctoral researcher Dr Sabrina Eggmann (Switzerland) completed a cohort study on patients at risk of ICU-acquired weakness (ICUAW). Furthermore, our current NHMRC CRE (CRE-ICU) awarded its annual seed funding (\$25K) to the Cyto-HEART project (St Vincent's Sydney). Several key publications in the program were accepted in 2025.

Research highlights include secondary analyses of the TEAM Trial regarding treatment heterogeneity (Hodgson, *ICM*) and adverse events (Broadley, *Aus Crit Care*), Australian clinical practice guidelines for early mobilization (Hodgson, *Aus Crit Care*), and a research agenda for ICUAW (Eggmann, *ICM*).

Additional studies focused on the cost-effectiveness of mobilization (Higgins, *CCM*), health-related quality of life after sepsis (De Silva, *Crit Care Explorations*), long-term outcomes of persistent critical illness (He, Ann Am Thorax Soc), and the psychometric properties of recovery instruments (De Silva, *CCM*). Six postgraduate researchers (5 PhD and 1 Master's) continued their research. For further information please go to: www.monash.edu/medicine/sphpm/anzicrc/research/anzic-rc-recovery-program



Lead: Prof
Carol Hodgson

Renal and Metabolic Program

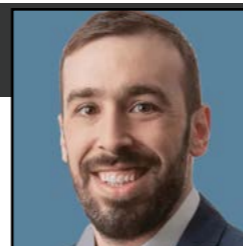
Renal and metabolic management plays a critical role in the care of critically ill patients. However, these interventions can also lead to complications such as acute kidney injury, and metabolic acidosis. There is therefore an urgent need to advance renal and metabolic strategies to optimise patient outcomes, minimise complications, and improve the quality of care.

The Renal and Metabolic Program, led by A/Prof Serpa Neto, was developed to:

1. Conduct high-quality, clinically meaningful research that addresses consumer needs and generates new knowledge to impact global renal and metabolic practices and outcomes for critically ill patients;
 2. Improve capacity and skills in renal and metabolic research across Australia and New Zealand; and
 3. Mentor academic clinician-researchers from all disciplines with an interest in renal and metabolic care.
- Several major studies are embedded within the program. The SODa-BIC (SODium BICarbonate for Metabolic Acidosis in the ICU) trial has recently completed recruitment, enrolling 500 patients across 54 sites in seven countries. The trial is currently being prepared for publication and presentation at a major international scientific conference, with several important sub-studies in development. Building on this work, the program is planning a large IPDMA pooling data from major trials investigating sodium bicarbonate for metabolic acidosis, including SODa-BIC. The program is also expanding into new clinical areas. A new multicentre trial, AQUA, investigating the optimal treatment of ICU-acquired hypernatraemia, is in development. In parallel, planning is underway for BaRDS, a study aimed at reducing unnecessary arterial blood gas sampling in the ICU, and AMALFI, a national registry focused on acute liver failure. In addition, discussions are underway to develop a large platform trial investigating interventions for acute kidney injury.

For further information on current projects and publications, please visit:

<https://www.monash.edu/medicine/sphpm/anzicrc/research/anzic-rc-renal-and-metabolic-program>



Lead: A/Prof
Ary Serpa Neto

Sepsis Program

The ANZIC-RC National Critical Care Research (NCCR) Platform for improving sepsis care has made significant progress since its inception. The program is developing a learning health care system with collaborative priority setting involving consumers and clinicians. This effort will create an Australian Sepsis Care Research Roadmap in 2026, utilising the outcomes of the Shaping Sepsis Care priority-setting project. The results of this work will be presented at the ANZICS CTG meeting in March 2026. Significant progress has also been made in integrating research with routine practice, with the development of a fully customisable electronic case report form that works with the existing ANZICS Adult Patient Database. This system is now fully functional and live, ready to support research projects. It supports studies ranging from small observational studies through to large randomised controlled trials. Preliminary work on lower respiratory tract infections in neurologically injured patients has led to an MRFF grant for a comprehensive study in this at-risk population, which will be integrated into the NCCR platform.

Additionally, a Sepsis Visualisation Tool, developed in collaboration with ANZICS CORE, enables clinicians and hospitals to track key patient-centred outcomes. This has expanded to provide individual hospital reports as of 2025. Future enhancements are planned to support reporting on sepsis clinical care standards as defined by the Australian Commission on Safety and Quality in Health Care.

The platform is also evaluating current clinical guidelines and standards to determine their utility in daily practice, as well as exploring what clinicians currently use in routine care. This work is planned to expand to examine current sepsis practice across Australia and New Zealand, utilising the NCCR platform.

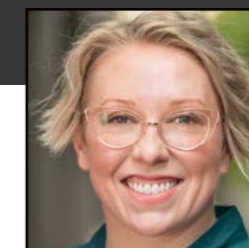
For more information and updates about this program, please visit: www.NCCR.au.



Lead: Prof
Andrew Udy

Consumer Engagement Program

The Consumer and Community Connection Committee (CONNECT) is the ANZIC-RC's centre-wide framework for embedding consumers as active partners in critical care research. Established in 2022, CONNECT brings together individuals with lived experience of critical illness through a Steering Committee, Consumer Advisory Committee, and Consumer Registry, supported by formal governance, remuneration, and engagement processes. CONNECT is co-chaired by A/Prof Emma Ridley (Academic Chair) and Ms Ann-Marie Baker (Consumer Chair) and is integrated across all ANZIC-RC research programs. In 2025, CONNECT consolidated its role as a high-impact consumer engagement program with demonstrable influence on research funding and practice. Five CONNECT consumers, together with A/Prof Ridley and Steering Committee members, made substantive contributions to the ANZICS Patient and Family Engagement Guideline, ensuring lived experience directly informed national guidance for critical care research and practice. This work represents a major translation milestone, extending consumer engagement beyond individual projects to system-level policy impact. CONNECT consumers were actively embedded across ANZIC-RC project teams in 2025, contributing to grant development, protocol refinement, consent optimisation, guideline development, and dissemination. Collectively, CONNECT processes supported \$14.1 million in competitive grant funding across multiple ANZIC-RC programs, demonstrating the research value of structured consumer partnership. The program's leadership and impact were externally recognised in 2025 with A/Prof Ridley receiving the Monash Partners EMCR Award for Excellence in Consumer and Community Engagement, acknowledging her role in establishing CONNECT as a sustainable, high-quality model for consumer involvement in critical care research. CONNECT strengthened visibility and reach through recruitment resources displayed across 14 Australian ICUs, an expanded Consumer Registry, national stakeholder engagement, and increased collaboration between consumers and research teams. The CONNECT webpage can be found at www.monash.edu/medicine/sphpm/anzicrc/community-and-consumers.



Lead/Co-Chair:
A/Prof Emma Ridley



Consumer/Co-Chair:
Ms Ann-Marie Baker

ANZIC-RC Governance - Advisory Board



Prof Jamie Cooper
Co-Director ANZIC-RC
 Prof Carol Hodgson
Co-Director ANZIC-RC
 Prof Andrew Udy
Co-Deputy Director ANZIC-RC
 A/Prof Craig French
Co-Deputy Director ANZIC-RC
 A/Prof Ary Serpa Neto
Co-Deputy Director ANZIC-RC
 Prof Sophia Zoungas
Head SPHPM Monash



Dr Manoj Saxena
Chair ANZICS-CTG
 Prof Sandra Peake
Immediate-Past Chair ANZICS-CTG
 Prof David Pilcher
Representative ANZICS-CORE
 Prof Colin McArthur
Representative New Zealand
 Dr Shay McGuinness
Representative New Zealand



Prof John McNeil
Research Strategy Advisor
 Prof Alistair Nichol
European Liaison ANZIC-RC
 A/Prof Emma Ridley
Consumer Liaison ANZIC-RC
 Prof Michael Bailey
Senior Statistician ANZIC-RC
 Dr Lisa Higgins
Senior Health Economist ANZIC-RC

ANZIC-RC Senior Research Fellows



Prof Daryl Jones
(Australia) 2006
 Prof Alistair Nichol
(Ireland) 2007
 Dr Andrew Westbrook
(Ireland) 2008
 Prof Ville Pettilä
(Finland) 2009
 Prof Cécile Aubron
(France) 2010
 Prof Carol Hodgson
(Australia) 2011
 Dr Dashiell Gantner
(Australia) 2012

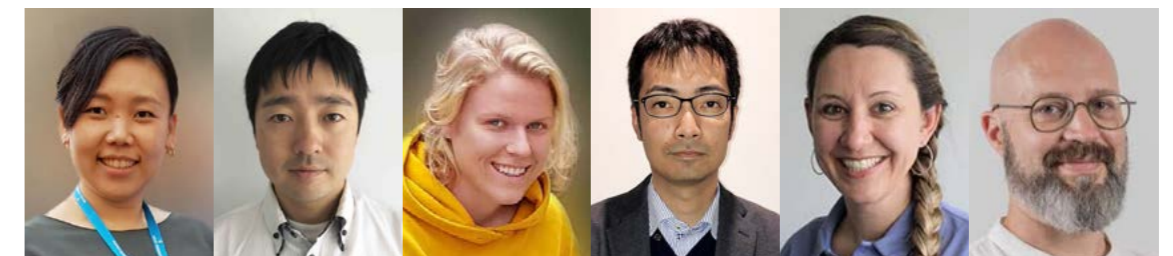


A/Prof Maija Kaukonen
(Finland) 2012-3
 A/Prof Andrew Davies
(Australia) 2014-5
 Prof Markus Skrifvars
(Finland) 2016-7
 Dr Nora Luethi
(Switzerland) 2017-8
 Prof Tomoko Fujii
(Japan) 2018-9
 Dr Ary Serpa Neto
(Brazil) 2020-3
 Dr Anis Chaba
(France) 2024

ANZIC-RC Visitors



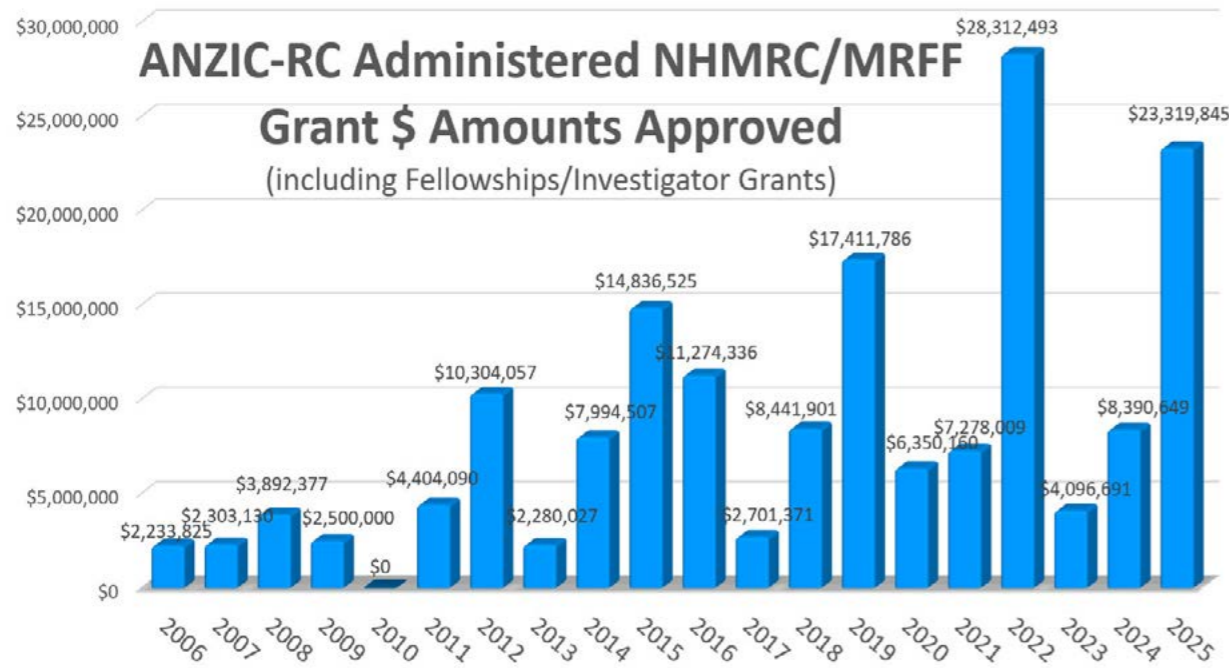
Dr Guillaume Carteaux
(France) 2010-1
 Prof Gilles Capellier
(France) 2011-2
 Prof Kathy Rowan
(UK) 2013 and 2015
 A/Prof Matthieu Schmidt
(France) 2013-4
 Dr Aude Garnero
(France) 2013-4
 Prof Theodore (Jack) Iwashyna
(USA) 2015
 Prof Rob Sladen
(USA) 2017



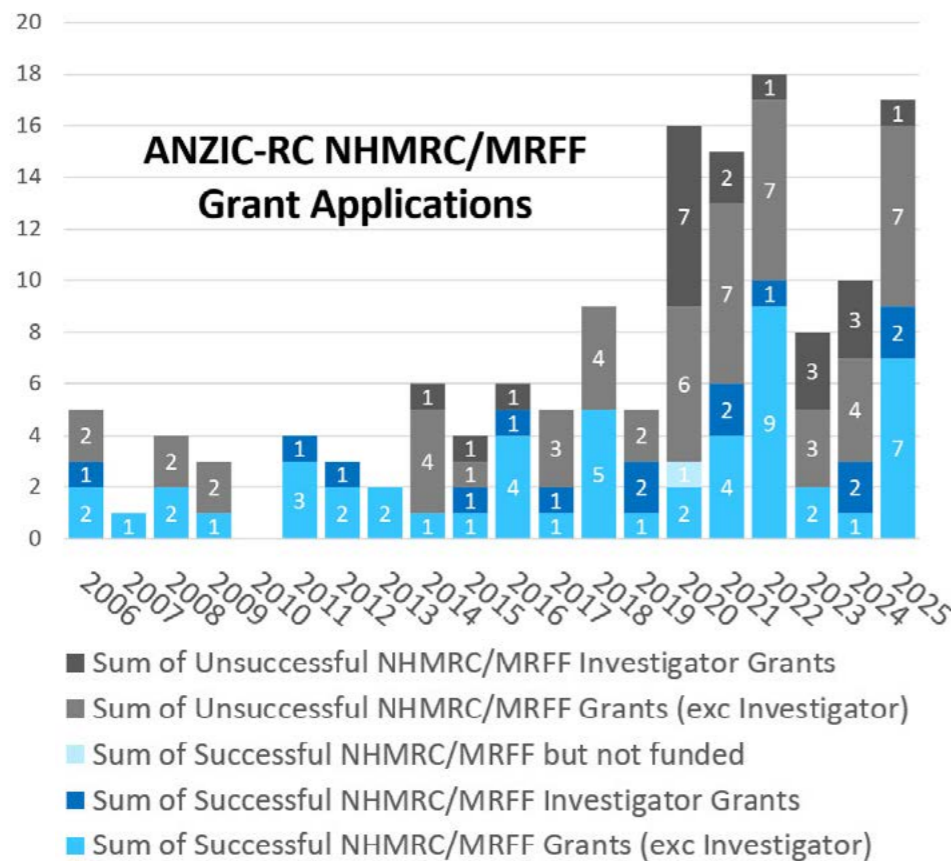
Dr Tomoko Fujii
(Japan) 2018
 Dr Shuji Okahara
(Japan) 2019
 Ms Eveline Wieggers
(Netherlands) 2019
 Dr Katsunori Mochizuki
(Japan) 2019
 Dr Sabrina Eggmann
(Switzerland) 2024
 Dr Raphaël Cinotti
(France) 2025

NHMRC/MRFF Research Grant Graphs

The graph below shows that in 2025 the ANZIC-RC had \$23+ million in new NHMRC/MRFF grant funding for ANZIC-RC administered grants.



The graph below shows that in 2025 the ANZIC-RC had 9 new NHMRC/MRFF ANZIC-RC administered grants.



Active Research Grants

Title	Agency / Grant Type	Chief Investigator/s	Year/s of Funding	Total Amount
CRE-VALUE-ICU: A Centre of Research Excellence for Value Based Care in Critically Ill Patients	NHMRC CRE 2044686	Hodgson C, Cooper DJ, Bellomo R, Peake S, Cheng A, Marshall A, Higgins A, Udy A, Serpa Neto A, See E	2026-2030	\$3,000,000
ICU-SYNERGY: A Synergy to Improve Personalised, Value-Based Care and Patient Outcomes in Critically Ill Patients	NHMRC Synergy 2045713	Hodgson C, Cooper DJ, Bellomo R, Peake S, Cheng A, Marshall A, Higgins A, Udy A, Serpa Neto A, See E	2026-2030	\$5,000,000
Improving the quality of evidence in nutrition during recovery from critical illness	NHMRC Investigator EL2 2043072	Ridley E	2026-2030	\$1,623,700
Adaptive Platform Trials: Expanding impact	NHMRC Investigator L3 2042893	Webb S	2026-2030	\$3,014,025
PANTHER: Precision medicine Adaptive Network Platform Trial in Hypoxemic acute respiratory failure	MRFF CTA 2045829	Burrell A, Hodgson C, Nichol A, Higgins A, Webb S, Serpa Neto A, Ridley E, ... Charles-Nelson A et al	2026-2030	\$2,380,094
PROTECTION Economic Evaluation	Baxter Healthcare Corporation	Higgins L, Fagery M, Bellomo R	2026-2026	\$46,600
Research programs and pivotal trials to improve outcomes critical care medicine	NHMRC Investigator L3 2033013	Bellomo R (deceased) transferred to McNeil J	2025-2029	\$2,981,630
Improving the quality of survival after critical illness	NHMRC Investigator L2 2033103	Hodgson C	2025-2029	\$2,924,080
Australasian Traumatic Brain Injury Collaboration (ATBIC) Data Infrastructure	MRFF Data Infrastructure MRFRDIIV000080	Udy A, ... Jeffcote T, Litton E, ... Secombe P, Higgins A, Battistuzzo C, Charles-Nelson A, ... Cooper DJ et al	2025-2030	\$2,498,366
ECMO-RECOVERY+: A randomised controlled trial of ongoing telerehabilitation and support for patients who have received ECMO	MRFF – Cardiovascular Health Mission 2041925	Higgins A, Hodgson C, Russell G, McGiffin D, Stub D, Marshall A, Orford N, Nair P, Burrell A, Pellegrino V, Charles-Nelson A et al	2025-2028	\$1,910,000
GuARDS RCT: Glucocorticoids in Adults With Acute Respiratory Distress Syndrome Randomised Clinical Trial	MRFF Clinical Trials Activity 2035967	Serpa Neto A, Hodgson C, Bellomo R, Peake S, Higgins A, Nichol A, McGuinness S, Ridley E, Charles-Nelson A, Burrell A, ... See E, et al	2025-2029	\$1,894,125
IMPROVE-65 Survivorship	MRFF 2039770	Hodgson C, ... Higgins A, Cooper DJ, ... Charles-Nelson A, Serpa Neto A, ... Paton M et al	2025-2029	\$1,999,535
ATTACC-CAP: AntiThrombotic Therapy to Ameliorate Clinical Complications in Community Acquired Pneumonia	MRFF CTAI-ICTC 2035628	McQuilten Z, Tong S, Webb S, Higgins L, Ryan L, ... Winearls J, Burrell A	2024-2028	\$2,484,939
DRIVE RCT: Driving pressure versus limited pressure ventilation for acute respiratory failure	NHMRC/MRFF CTA 2030653	Hodgson C, Serpa Neto A, Peake S, Nichol A, Seppelt I, Higgins A, ... Orford N, Webb S, Charles-Nelson A, et al	2024-2028	\$1,599,086
*Adaptive platform trial for severe community acquired pneumonia: new interventions for severe CAP/influenza	NHMRC/MRFF ICTC 2015788	Webb S, McQuilten Z, Nichol A, Hills T, Higgins A, Burrell A, ... Seppelt I, McArthur C	2023-2026	\$2,824,703
Improving critically ill patient outcomes through randomised trials and registries in intensive care	NHMRC Investigator L3 2016324	Cooper DJ	2023-2027	\$3,487,110
NICE-Data: National Intensive Care Data Infrastructure Initiative	NHMRC/MRFF MRFRDII000056 Data Infrastructure	Hodgson C, ... Pilcher D, Higgins A, ... Litton E, Burrell A, ... Charles-Nelson A, Broadley T, et al	2023-2027	\$2,497,605
PLATFORM - CRITICAL CARE: A national critical care research platform to ensure high-quality sepsis care in Australian ICUs	NHMRC/MRFF EMCR 2023066	Udy A, McQuilten Z, Saxena M, Serpa Neto A, Higgins L, Delaney A, Eastwood G, Jones D, ... Young P, ... Deane A, et al	2023-2028	\$4,899,779
PLATFORM - ECMO: RECOMMEND Generating new evidence to reduce complications and improve safety ...	NHMRC/MRFF CTAI 2023109	Hodgson C, Cooper DJ, ... Higgins A, ... Pellegrino V, ... Serpa Neto A, Burrell A, Orford N	2023-2028	\$2,985,993
PLATFORM - ICU NUTRITION: A national platform for improving quality of nutrition care for critically ill adults and children	NHMRC/MRFF CR-AH 2023953	Ridley E, Peake S, ... Udy A, Hodgson C, Nichol A, ... Chapple L-A, Freeman-Sanderson A, Tatuco O, Bailey M, ... King V, Winderlich J	2023-2027	\$1,494,951

Active Research Grants (continued)

Title	Agency / Grant Type	Chief Investigator/s	Year/s of Funding	Total Amount
ECMO-PROMPT: Pilot Feasibility RCT of PROM Monitoring + Feedback to Improve Disability + Quality of Life ...	ICF 2318 Research Project	Higgins A, Hodgson C, Burrell A, Sheldrake J, Russell G, Hayes K, See E, Orford N	2023-2025	\$39,470
*A coordinated multiplatform randomised trial for hospitalised patients with COVID-19	NHMRC/MRFF 2016162 COVID-19 TAPHA	Webb S, Tong S, McQuilten Z, Davis J, Nichol A, ... Higgins A, ... Burrell A, ... McArthur C	2022-2026	\$3,997,914
CRE-ICU: A Centre for Research Excellence to Transform Outcomes of Critically Ill Patients in ICU	NHMRC CRE 2006514	Hodgson C, Cooper DJ, Fraser J, Peake S, Bellomo R, ... Bailey M, ... Higgins A	2022-2026	\$2,500,000
FEISTY II: Fibrinogen Early In Severe Trauma Study II	NHMRC/MRFF RCRDUN 2015332	McQuilten Z, Winearls J, Cooper DJ, Reade M, French C, Presneill J, Higgins A, et al	2022-2027	\$3,162,179
Healthcare resource utilisation and long term outcomes following critical illness	NHMRC Investigator EL1 2008447	Higgins A	2022-2026	\$650,740
Improving Outcomes after Extracorporeal Membrane Oxygenation (ECMO)	NHMRC Investigator EL1 2010110	Burrell A	2022-2026	\$450,370
PRECISE: PRrecision Ecmo in Cardlogenic Shock Evaluation	NHMRC/MRFF 2017089 Cardiovascular	Burrell A, Hodgson C, ... Pellegrino V, Dennis M, Higgins A, ... Nichol A, Serpa Neto A, et al	2022-2026	\$999,779
REDEEM: RCT of ECMO to Desedate, Extubate Early and Mobilise in severe acute respiratory infection	NHMRC/MRFF RCRDUN 2015039	Burrell A, Cooper DJ, Hodgson C, Fraser J, Nair P, Pellegrino V, ... Udy A	2022-2027	\$2,534,432
SODA-BIC: Sodium Bicarbonate for Decompensated Metabolic Acidosis in the Intensive Care Unit	NHMRC CTCS 2014960	Serpa Neto A, Bellomo R, Peake S, Bailey M, Cooper DJ, Udy A, Young P, Secombe P, Higgins A, See E	2022-2027	\$1,920,487
ECMO-Rehab: Early Cardiac Rehab to Improve Survival and Recovery in Critically-ill Patients on ECMO	NHMRC/MRFF 2007591 CV Health Mission	Hodgson C, Higgins A, Bailey M, Pellegrino V, Nair P, McGiffin D, Presneill J, et al	2021-2025	\$662,649
*LOGICAL: Low OxyGen Intervention for Cardiac Arrest injury Limitation trial	NHMRC CTCS 2001237	Hodgson C, Bellomo R, Young P, Peake S, Bailey M, McDonald C, Higgins A, Nichol A, Udy A, Deane A	2021-2026	\$2,314,403
*PRECISION-TBI – Establishing evidence-based, data driven, clinical care guidelines	NHMRC/MRFF 2007705 Mission TBI	Udy A, Cooper DJ, Jeffree L, Bellomo R, Nichol A, et al	2021-2025	\$499,478
ARISE-Fluids: AUS Resuscitation In Sepsis Evaluation: Fluid or Vasopressors in ED	NHMRC/MRFF 1200084 RCRDUN	Peake S, Macdonald S, Delaney A, ... Udy A, ... Higgins A, et al	2020-2026	\$2,335,540
*BONANZA: Brain Oxygen Neuromonitoring In Australia + NZ Assessment Trial	NHMRC Project Grant 1156636	Udy A, Cooper DJ, Nichol A, ... Bailey M, ... Higgins A	2020-2025	\$2,431,863
*BONANZA: Brain Oxygen Neuromonitoring In Australia and NZ Assessment Trial	NHMRC/MRFF 1167706 Project	Udy A, Cooper DJ, Nichol A, ... Bailey M, ... Higgins A	2020-2025	\$1,084,852
BONE-ZONE: Bone Loss Prevention with Zoledronic Acid or Denosumab in Crit Ill Women	NHMRC/MRFF 1199726 RCRDUN	Orford N, ... Cooper DJ, Hodgson C, ... Bailey M, ... Myburgh J	2020-2026	\$1,905,283
EPO-TRAUMA: Trial of Erythropoietin alfa vs. placebo in critically ill trauma patients	NHMRC/MRFF Project 1170001	French C, Nichol A, Bellomo R, Cooper DJ, Bailey M, Higgins A, McArthur C, Hodgson C	2019-2026	\$3,509,303
			Total	\$82,545,063

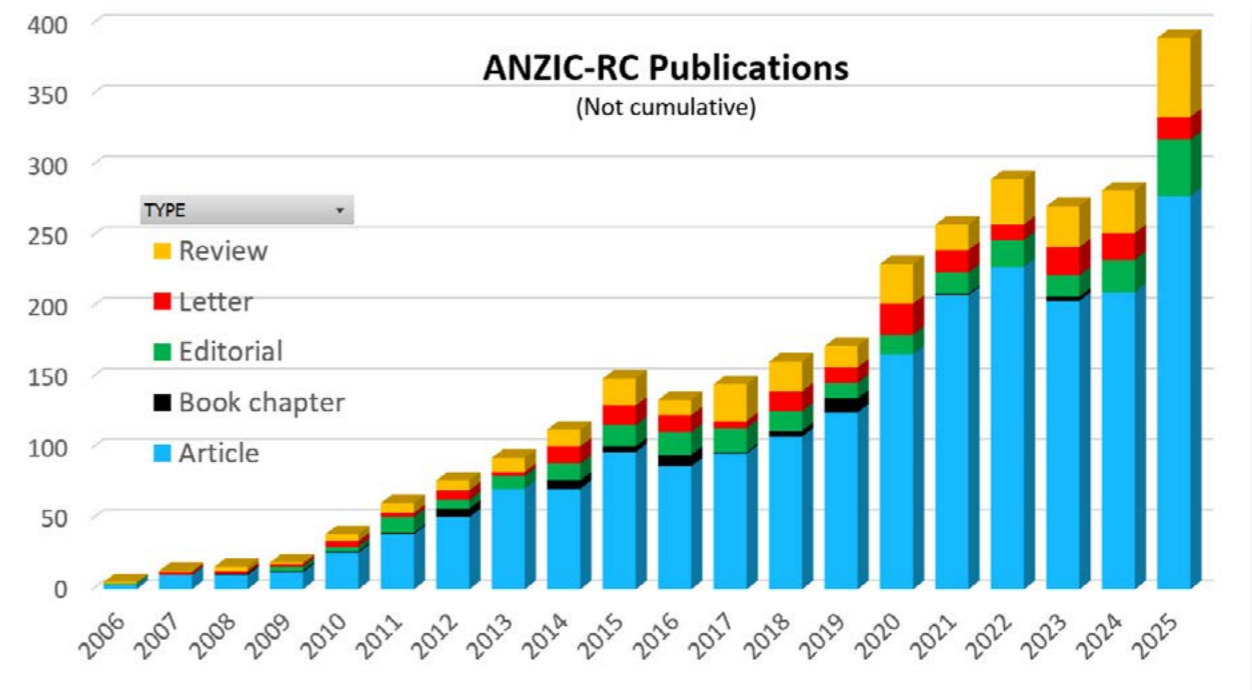
* Lead Human Ethics has approved waived consent for enrolment/hospital data, PLUS opt-out/deferred or consent for follow-up

Government Research Agreements

Title	Agency / Grant Type	Chief Investigator/s	Year/s of Funding	Total Amount
SPRINT-SARI: Short period incidence study of severe acute respiratory infection	Commonwealth (Federal Health Department) DOHAC	Udy A, Burrell A	2024-2026	\$4,671,843
			Total	\$4,671,843

Publications Graph

The graph below shows that in 2025 the ANZIC-RC had 390 publications.



Landmark ANZIC-RC 2025 Publications

- Reade MC, Marks DC, Howe BD, Bailey MJ, Bannon PG, Eastwood GM, French CJ, Gattas DJ, Higgins AM, Holley AD, Hu RT, Irving DO, Johnson L, McGuinness SP, McQuilten ZK, Royle AG, Smith JA, Weinberg L, Wood EM, Cryopreserved vs Liquid Platelets II (CLIP II) Investigators, the ANZICS Clinical Trials Group, the ANZCA Clinical Trials Network, the Australasian Society of Cardiac Thoracic Surgeons. Cryopreserved vs Liquid-Stored Platelets for the Treatment of Surgical Bleeding: The CLIP-II Randomized Noninferiority Clinical Trial. JAMA 2025; epub.
- REMAP-CAP Investigators including, Higgins AM, Nichol AD, Green C, Parker J, Singh V, Webb S. Effect of hydrocortisone on mortality in patients with severe community-acquired pneumonia: The REMAP-CAP Corticosteroid Domain Randomized Clinical Trial. Intensive Care Med 2025;51:665-80.
- Eggmann S, Parry SM, Broadley T, Lynch GS, Bongetti AJ, Ridley EJ, Ayre E, Bailey M, Bellomo R, Berney S, Bradley S, Buhr H, Campbell MK, Casey K, Chapple LS, Connolly B, Darvall J, Deane A, Febbraio MA, Gosselink R, Granger CL, Haines K, Hanekom S, Harhay MO, Harrold M, Hayes K, Hermans G, Higgins A, Jain S, Kho ME, Kumar Tirupakuzhi Vijayaraghavan B, Lambell K, Lang JK, Leditschke IA, Levinger I, Magana Cruz S, Marshall AP, Needham DM, Ntoumenopoulos G, Nydahl P, Patel BK, Paton M, Puthuchery Z, Rooyackers O, Schaller SJ, Serpa Neto A, Stoppe C, Tronstad O, Vanhorebeek I, Z'Graggen WJ, Hodgson CL. The intensive care medicine research agenda for the management of ICU acquired weakness: a multinational, interprofessional perspective. Intensive Care Med 2025;51:2199-212.
- Hodgson CL, Spicer AB, Broadley T, Bailey M, Bellomo R, Brickell K, Buhr H, Gabbe BJ, Gould DW, Harrold M, Higgins AM, Hurford S, Iwashyna TJ, Serpa Neto A, Nichol AD, Presneill JJ, Schaller SJ, Sivasuthan J, Tipping CJ, Webb S, Graham Linck EJ, Sinha P, Semler MW, Young PJ, Churpek MM. Individualised treatment effects of enhanced early mobilisation in mechanically ventilated patients: a secondary analysis of the TEAM trial. Intensive Care Med 2025; epub.
- Poole AP, Chaba A, Bellomo R, Bailey M, Deane A, Delaney A, Eastwood G, Haines K, Hammond N, Hensman T, Higgins A, Jones D, McQuilten Z, Mendis C, Serpa Neto A, Pilcher D, Saxena M, Shekar K, Thompson K, Young PJ, Litton E, Udy AA, National Critical Care Research Platform Investigators. Mortality trends for sepsis and septic shock among critically ill adults in Australia and New Zealand. Intensive Care Med 2025;51:2318-28.
- Serpa Neto A, Young M, Chan JW, Holmes NE, Kishore K, Pandey D, Jahanabadi H, Casamento A, Bellomo R. Association of low-dose ketamine with hallucinations in critically ill patients: a target trial emulation. Intensive Care Med 2025;51:1011-21.

High Impact Publications

- Antcliffe DB, Burrell A, Boyle AJ, Gordon AC, McAuley DF, Silversides J. Sepsis subphenotypes, theragnostics and personalized sepsis care. Intensive Care Med 2025;51:756-68.
- Baiardo Redaelli M, Monaco F, Bradic N, Scandroglio AM, Ti LK, Belletti A, Viscido C, Licheri M, Guarracino F, Pruna A, Pisano A, Pontillo D, Federici F, Losiggio R, Serena G, Tomasi E, Silvetti S, Ranucci M, Brazzi L, Cortegiani A, Landoni G, Mastroroberto P, Paternoster G, Gaudino MFL, Zangrillo A, Bellomo R, Protection Study Group Collaborators. Amino Acid Infusion for Kidney Protection in Cardiac Surgery Patients with Chronic Kidney Disease: A Secondary Analysis of the PROTECTION Trial. Anesthesiology 2025;142:818-28.
- Barakat Z, Jose M, Savige J, Bellomo R, Pianta T. Acute kidney injury signals a high risk of death, readmission and cancer. Intern Med J 2025.
- Bluth T, Rivas E, Lopez-Baamonde M, Sanahuja JM, Lopez-Hernandez A, Balust J, Weingarten TN, Gurrbach F, Simon P, Wrigge H, Wittenstein J, Birr K, Teichmann R, Huhle R, Melchior N, Vivona L, Koch T, Ramakrishna H, Brull S, Serpa Neto A, Schultz MJ, Sprung J, Scharffenberg M, Gama de Abreu M, Probesse investigators, Protective Ventilation Network, the Clinical Trials Network of the European Society of Anaesthesiology and Intensive Care. Association of plasma biomarkers of lung injury with positive end expiratory pressure and postoperative pulmonary complications in obese surgical patients: A substudy of the PROBESE

randomised controlled trial. *Eur J Anaesthesiol* 2025;42:840-50.

11. Brown WA, Burton PR, Laurie C, Paul E, Johari Y, Cowley MA, Wentworth J. Liraglutide and Weight Loss Among Suboptimal Responders to Metabolic Bariatric Surgery: A Randomized Clinical Trial. *JAMA Netw Open* 2025;8:e2539848.
12. Buiteman-Kruizinga LA, van Meenen DMP, Serpa Neto A, Mazzinari G, Bos LDJ, van der Heiden PLJ, Paulus F, Schultz MJ, Nebulae, PreVent and Relax investigators. Association of ventilation volumes, pressures and rates with the mechanical power of ventilation in patients without acute respiratory distress syndrome: exploring the impact of rate reduction. *Anaesthesia* 2025;80:533-42.
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18. Cutuli SL, Martensson J, Bellomo R. Bridging the Glucose Gaps: A Sweet Solution or a Bitter Challenge? *Chest* 2025;168:280-2.
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Other Publications

In 2025 there were 293 other papers in PubMed-listed journals.



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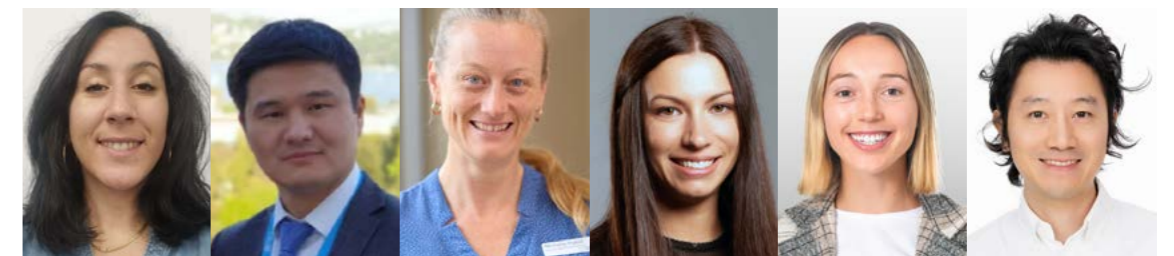
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 Ms Rebecca Morgan *DRIVE Project Officer*
 Mr Curtis Hopkins *ECMO-Prompt, RECOMMEND, ROSETTA Project Manager*



Ms Eshana Pussegoda *ECMO-Prompt Project Officer*
 Ms Aruna Kartik *ECMO-Recovery Project Manager*
 Dr Nicole Ng *ECMO-Rehab, SPRINT-SARI Project Manager*
 Ms Vicki Papanikolaou *EPO-Trauma, NICE-Data Project Manager*
 Mr Bentley Fulcher *EXCEL Project Manager*
 Dr Patricia Alliegro *EXCEL Project Manager*
 Ms Natalie Linke *EXCEL Project Officer*
 Ms Bridget Ady *FEISTY II Project Manager*
 Ms Anne Mather *LOGICAL Snr Project Officer*
 Ms Tina van Tonder *NUTRIENT Platform Project Manager*



Ms Caitlin Tenace *Nutrition Program Project Officer*
 Ms Letisha Osagiede *Nutrition Program Project Officer*
 Ms Phoebe McCracken *PRECISE Project Manager*
 Mr Samuel Golding *PRECISION-TBI Snr Project Officer*
 Ms Stephanie Hunter *REDEEM Project Manager*
 Ms Jane Parker *REMAP-CAP AUS Project Manager*
 Mr Cameron Green *REMAP-CAP Global Project Manager*
 Ms Vanessa Singh *REMAP-CAP Project Manager*
 Ms Hannah Tolley *REMAP-CAP Snr Project Officer*
 Mr Alex Poole *Sepsis NCCR Program Project Manager*



Ms Rose Messiha *Sepsis NCCR Program Project Officer*
 Ms Mairead McNamara *SODA-BIC Project Manager*
 Ms Fiona Osborne *SODA-BIC Project Officer*
 Mr Simon Cumming *Database Project Analyst*
 Dr Elizabeth Ayre *Snr Project Officer*
 Ms Laura Jenner *Snr Admin Officer*
 Ms Kath Watson *EA to Prof Carol Hodgson*
 Ms Kaylee Crous *Research Assistant*

ANZIC-RC Students

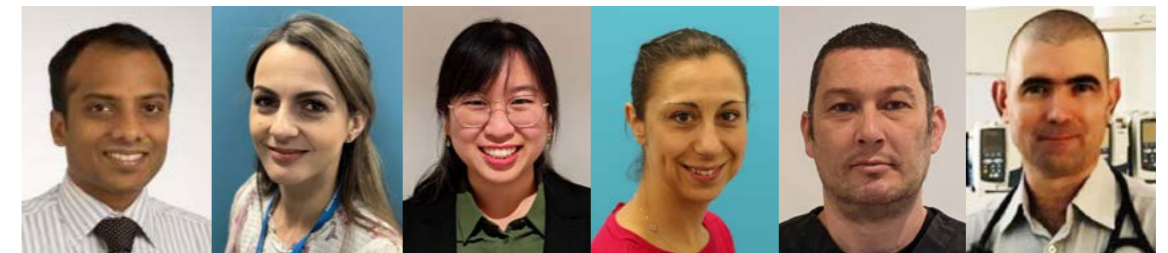
PhD Scholars: Active in 2025



Mr Vinay Bharatula
 Ms Tessa Broadley
 Mr Alastair Brown
 Ms Kelly Cairns
 Ms Lane Carrandi
 Ms Sara Carrillo



Dr Mark Collins
 Ms Sheraya De Silva
 Mr Khaled El-Khawas
 Dr Andrew Flint
 Ms Georgia Hardy
 Ms Sabrina Hernandez



Dr Vinodh Nanjaya
 Ms Vicki Papanikolaou
 Ms Xiuxian Pham
 Ms Gemma Pound
 Mr Paul Ross
 Dr Paul Secombe



Dr Gentle Shrestha
 Dr Li Tan
 Dr Jonathon Taylor
 Ms Candice Todd
 Mr Avishka Wickramarachchi
 Ms Jacinta Winderlich

PhDs: Conferred

2012: Dr Helen Ackland; 2014: Dr Elizabeth Moore; 2015: Prof Daryl Jones, Dr Antoine Schneider; 2016: Dr Ralph Tramm; 2017: A/Prof Neil Glassford, Dr Nor'azim Mohd Yunus; 2018: Dr Rafidah Atan, Dr Tim Coulson, A/Prof Neil Orford, Dr Eldho Paul, A/Prof Emma Ridley; 2019: A/Prof Aidan Burrell, Prof Ravi Tiruvoipati; 2020: Dr Matt Brain, Dr Lisa Higgins, Dr Claire Tipping; 2021: Dr Bianca Levkovich, Dr Fumitaka Yanase; 2022: Dr Dashiell Gantner; 2023: Dr Jenna Lang, Dr Ashwin Subramaniam; 2024: Dr Rekha Pai Mangalore, Dr Michelle Paton; 2025: Dr Avishka Wickramarachchi, Dr Paul Secombe, Dr Sara Carrillo, Dr Gemma Pound

Other Students: Completed

2012: Mr Simon Landes *BMedSc(Hons)*; 2014: Mr Edward Quine *BMedSc(Hons)*; 2015: Ms Madeline Cenedese *BHlthSc(Hons)*; 2016: Mr Zachary O'Brien *BMedSc(Hons)*, Mr Chun Sang Kwan *BBiomedSc(Hons)*; 2018: Mr Daniel Engeler *BBiomedSc(Hons)*; 2019: Mr Bentley Fulcher *BBiomedSc(Hons)*; 2021: Ms Kate Wilcox *BMedSc(Hons)*; 2022: Mr Atacan Etrugrul *BMedSc(Hons)*, Mr Nathaniel Flacks *BMedSc(Hons)*, Ms Louisa He *BMedSc(Hons)*, Ms Linda Nguyen *BBiomedSc(Hons)*; 2023: Ms Caitlin Tenace *BBiomedSc(Hons)*, Mr Jeffrey Shao *BMedSc(Hons)*; 2024: Ms Letisha Osagiede *BBiomedSc(Hons)*, Ms Georgia Moore *MClInRes*

International Presentations

Month	Conference	Location	Name	Title	Role/s
Feb	9 th Annual International ECMO Network Meeting	Abu Dhabi, UAE	Brown A	1. ECMO Complications (Presenter) 2. Programs of Research (Chair)	Invited Presenter, Session Chair
Feb	9 th Annual International ECMO Network Meeting	Abu Dhabi, UAE	Burrell A	1. Amino Acids in ECMO 2. PRECISE	Invited Presenter
Feb	9 th Annual International ECMO Network Meeting	Abu Dhabi, UAE	Higgins L	1. ECMONet Scientific Update (Presenter) 2. ECMO-Prompt (Presenter) 3. Registries and Platform Trials Update (Co-Chair) 4. Pre-Clinical Session (Co-Chair)	Invited Presenter, Session Chair
Feb	9 th Annual International ECMO Network Meeting	Abu Dhabi, UAE	Hodgson C	1. ECMONet Structural Update (Co-Chair) 2. Structural Updates (Presenter) 3. What's Next? (Chair) 4. EXCEL and RECOMMEND Platform Trial (Presenter) 5. Early Career Researchers (Co-Chair)	Co-President, Board Co-Chair, Session Chair, Invited Presenter
Feb	20 th International Pan-Arab (PA) Critical Care (CC) Medicine Society Conference / 1 st PA Conference of World Federation of Intensive and CC Societies	Kuwait City, Kuwait	Ridley E	1. Assessing nutritional requirements in Critical Care in 2025 (Presenter) 2. Nutritional therapies for the prevention of post-intensive care syndrome 3. Nutritional support for patients on ECLS	Invited Presenter
Feb	South West Asia + Africa Chapter Extracorporeal Life Support Organisation (SWACC ELSO)	Abu Dhabi, UAE	Hodgson C	Life After ECMO: blessing or curse	Invited Presenter
Mar	43 rd International Society of Intensive Care and Emergency Medicine (ISICEM)	Brussels, Belgium	Serpa Neto A	1. Still A Place For Metaraminol 2. Optimal Mobilisation 3. Fentanyl or Morphine 4. Hallucinations In Critically Ill Patients	Invited Presenter
Mar	Yale School of Medicine, Section of Pulmonary, Critical Care & Sleep Medicine (PCCSM) Grand Rounds & Research Conference	New Haven, Connecticut, USA	Hodgson C	1. Early Mobilization: how to Tailor Rehabilitation to Maximize Benefit 2. Early Mobilization and Rehabilitation in ICU	Invited Presenter
Mar	Society of Critical Care Medicine (SCCM) Surviving Sepsis Campaign	Chicago, Illinois USA	Hodgson C	Guideline for Long-Term Outcomes After Sepsis (Lead)	Invited Presenter
Apr	ANZICS/ACCN Intensive Care ASM	Christchurch, New Zealand	Paton M	Impact of mobilisation dosage during critical illness on likelihood of discharge home (PREDICT-dosage)	Invited Presenter
Apr	ANZICS/ACCN Intensive Care ASM	Christchurch, New Zealand	Serpa Neto A	1. Optimal Mobilisation – Patient Selection and Dose 2. Can Automation Help Us Improve Lung Protection	Invited Presenter
Apr	FRANC Asia 2025 24 th Fresenius Kabi Advanced Nutrition Course Optimizing Nutrition Therapy in 2025: A Comprehensive Patient Journey in Surgery, Oncology & ICU	Taipei, Taiwan	Ridley E	1. Impact of Nutrition on survival and functional recovery in post ICU period (Presenter) 2. Session 6: Summary Sessions (Co-Chair)	Invited Presenter, Session Chair

International Presentations (continued)

Month	Conference	Location	Name	Title	Role/s
May	19 th Congress of Chinese Society of Critical Care Medicine	Changsha, China	Serpa Neto A	1. Still A Place For Metaraminol 2. Hallucinations In Critically Ill Patients	Invited Presenter
Jun	2025 Critical Care Reviews	Belfast, UK	Udy A	1. PROMIZING Trial Results (Panel Member) 2. INDEX Trial Results (Editorialist)	Panel Member, Independent Editorialist
Jun	Irish Critical Care Clinical Trials Network (ICC-CTN) ASM	Belfast, UK	Nichol A	Meeting Co-Chair	Co-Chair, Organiser
Jun	2025 Dark Arts	Belfast, UK	Higgins L	1. Why we do trials 2. Who to work with	Organiser, Invited Presenter
Jun	2025 Dark Arts	Belfast, UK	Nichol A	1. Consumer involvement 2. Influencing an IRB	Organiser, Invited Presenter
Jun	2025 Dark Arts	Belfast, UK	Webb S	1. Truths and non-truths 2. Making things happen 3. When the sh*t hits the fan	Organiser, Invited Presenter
Jun	Prato 2025 Collaborative Clinical Trials In Intensive Care Medicine Conference	Prato, Italy	Bailey M	1. Platform Trials - Debate Bayesian versus frequentist trial design (with R Lewis) 2. Bridging the Gap (Chair)	Invited Presenter, Session Chair
Jun	Prato 2025 Collaborative Clinical Trials In Intensive Care Medicine Conference	Prato, Italy	Burrell A	AI and innovative use of data (Chair)	Session Chair
Jun	Prato 2025 Collaborative Clinical Trials In Intensive Care Medicine Conference	Prato, Italy	Cooper DJ	Implementation (Chair)	Session Chair



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International Presentations (continued)

Month	Conference	Location	Name	Title	Role/s
Jun	Prato 2025 Collaborative Clinical Trials In Intensive Care Medicine Conference	Prato, Italy	Delaney A	Sepsis - The current state of play	Invited Presenter
Jun	Prato 2025 Collaborative Clinical Trials In Intensive Care Medicine Conference	Prato, Italy	Higgins L	1. Platform Trials - Panel Discussion 2. Trauma (Chair)	Panel Member, Session Chair, Invited Presenter
Jun	Prato 2025 Collaborative Clinical Trials In Intensive Care Medicine Conference	Prato, Italy	Hodgson C	1. Welcome to meeting (Co-Convenor) 2. Mechanical Ventilation (Chair) 3. Recovery (Chair)	Co-Convenor, Session Chair, Invited Presenter
Jun	Prato 2025 Collaborative Clinical Trials In Intensive Care Medicine Conference	Prato, Italy	Nichol A	Platform Trials (Chair)	Session Chair
Jun	Prato 2025 Collaborative Clinical Trials In Intensive Care Medicine Conference	Prato, Italy	Peake S	Nutrition (Chair)	Session Chair
Jun	Prato 2025 Collaborative Clinical Trials In Intensive Care Medicine Conference	Prato, Italy	Reade M	Trauma - The current state of play	Invited Presenter
Jun	Prato 2025 Collaborative Clinical Trials In Intensive Care Medicine Conference	Prato, Italy	Ridley E	1. Early and Mid Career Researchers (EMCR) (Chair) 2. Nutrition - The current state of play (Presenter)	Session Chair
Jun	Prato 2025 Collaborative Clinical Trials In Intensive Care Medicine Conference	Prato, Italy	See E	Renal - The current state of play	Invited Presenter
Jun	Prato 2025 Collaborative Clinical Trials In Intensive Care Medicine Conference	Prato, Italy	Serpa Neto A	1. ANZIC-RC Ventilation Program (Presenter) 2. Renal (Chair)	Invited Presenter
Jun	Prato 2025 Collaborative Clinical Trials In Intensive Care Medicine Conference	Prato, Italy	Udy A	Welcome to meeting (Co-Convenor) Sepsis (Chair)	Co-Convenor, Invited Presenter
Aug	12 th Asia Pacific Intensive Care Symposium (APICS 2025)	Singapore, Singapore	Hodgson C	1. Moving Towards Precision Rehabilitation in the ICU 2. Partnerships, Innovation and Commercialisation 3. Standard of Care or Moving Target? 4. Functional Recovery After Critical Illness: The Good, the Bad and the Ugly	Invited Presenter
Sep	PRIME Ireland Annual Symposium	Belfast, UK	Nichol A	Symposium Co-Chair	Co-Chair, Organiser
Sep	VII Critical Care Physiotherapy Symposium	Campinas, Brazil	Serpa Neto A	Automation During Mechanical Ventilation	Invited Presenter
Oct	Building Global Acute Care Research Capacity	Kigali, Rwanda	Green C	Federating Platforms to Build Emergency Research Readiness	Invited Presenter
Oct	Building Global Acute Care Research Capacity	Kigali, Rwanda	Higgins L	1. The Trials Group Model - ANZICS-CTG (Presenter + Panel) 2. Presentations of existing research training programs/models around the world - Dark Arts (Presenter) 3. World Health Organization: Global O2ptimization of Respiratory Support Research Collaboration (Virtual Moderator)	Invited Presenter, Panel Member, Virtual Moderator



International Presentations (continued)

Month	Conference	Location	Name	Title	Role/s
Oct	Building Global Acute Care Research Capacity	Kigali, Rwanda (Virtual)	Hodgson C	Perspectives: Funders, Policymakers, and Stakeholders - NHMRC Research Committee	Invited Presenter, Panel Member
Oct	Building Global Acute Care Research Capacity	Kigali, Rwanda	Nichol A	1. Platform trials as tools for collaboration - PANTHER (Panel) 2. Building Capacity in the Global South: Needs & Opportunities (Chair)	Invited Presenter, Session Chair, Panel Member
Oct	Building Global Acute Care Research Capacity	Kigali, Rwanda	Webb S	1. Platform trials as tools for collaboration - Overview of Platform Trials/REMAP-CAP (Presenter) 2. SNAP (Panel) 3. Research Program Proposals – Part I (Chair)	Invited Presenter, Panel Member, Session Chair
Nov	XXX Brazilian Congress of Intensive Care Medicine	Curitiba, Brazil	Serpa Neto A	1. A Target Trial Emulation of Dexmedetomidine to Treat Agitation in the Intensive Care Unit 2. Can Automation Help Us Improve Lung Protection	Invited Presenter
Dec	Critical Care Reviews (CCR) Down Under	Melbourne, Australia	Higgins L	ECMO-Rehab Trial Results (with Hodgson C)	Invited Presenter
Dec	Critical Care Reviews (CCR) Down Under	Melbourne, Australia	Hodgson C	ECMO-Rehab Trial Results (with Higgins A)	Invited Presenter
Dec	Critical Care Reviews (CCR) Down Under	Melbourne, Australia	Reade M	CLIP II Trial Results	Invited Presenter
Dec	Critical Care Reviews (CCR) Down Under	Melbourne, Australia	Serpa Neto A	ACTIVE Trial Results	Invited Presenter



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