

REGISTRY RANDOMISED TRIALS: KEY METHODOLOGY ISSUES WORKSHOP



BIOGRAPHIES

Registry Randomised Trials: Virtual workshop of key stakeholders to respond to and address the barriers to uptake of registry randomised trials.

This event provided a forum for trialists, registry scientists, statisticians, healthcare managers, healthcare policymakers, and consumers to exchange experiences, best practices and ideas related to current and emerging issues associated with registry randomised trials.

CHAIRS

Professor Dorota Doherty: Head of the Biostatistics and Research Design Unit and Deputy Director of the Women and Infants Research Foundation (WIRF), in King Edward Memorial Hospital.

Dr Felicity Flack: Manager, Policy and Client Services from Population Health Research Network (PHRN).

ACTA PROJECT OFFICER

Ms Anitha Balagurunathan

SPEAKERS

Dr Patty Chondros: Dr Patty Chondros is a biostatistician specialising in health services research and trials in primary care. As the lead biostatistician at the Department of General Practice, The University of Melbourne, she provides expert statistical support and advice to the research programs, including grants and publications, and to advance the methodological and statistical skills of researchers and higher research degree students. Her research interests include the design and analysis of randomised controlled trials, particularly cluster randomised and stepped wedge designs.

Professor Andrew Forbes: Andrew Forbes is a biostatistician and head of the Biostatistics Unit in the School of Public Health and Preventive Medicine at Monash University. His research interests encompass development and evaluation of cluster randomised designs, and practical statistical issues arising in clinical trials and observational studies. He is a chief investigator on NHMRC

statistical methodology grants and a variety of applied projects in clinical trials and observational studies.

Professor Stephen McDonald: Stephen is clinical nephrologist at the Central Northern Adelaide Renal and Transplantation Service, and Executive Officer of the Australia and New Zealand Dialysis and Transplant Registry.

His research interests centre around the epidemiology of end-stage renal disease. Current areas of focus include effects of consumer engagement on Registry research and practice; Registry based clinical trials, pregnancy among dialysis and transplant patients; patterns of care and outcomes of kidney transplantation among indigenous Australians; waitlisting and allocation algorithms for kidney transplant recipients; and how Registry data informs clinical practice.

Dr Jen Reilly: Jennifer is a specialist anaesthetist interested in the evidence-based care of high-risk surgical patients, in particular the evidence gap surrounding elective critical care admission and enhanced ward care. Based at the Alfred Hospital and Monash University in Melbourne, she spent a year as the ANZCA Research Fellow and is currently undertaking her PhD. Based on pilot work undertaken during 2019, she established the pilot national perioperative outcomes registry in early 2020. Within the registry she is leading the COMPASS Study to develop a perioperative mortality risk calculator for adults undergoing inpatient noncardiac surgery in Australia, based on the Surgical Outcome Risk Tool (SORT) from the UK and its New Zealand adaptation, NZRISK.

Professor Chris Reid: Prof Christopher Reid is a cardiovascular epidemiologist with appointments as Research Professor in both the School of Public Health at Curtin University and the School of Public Health and Preventive Medicine, Monash University. His major research interests include clinical outcome registries, randomized controlled trials, and epidemiological cohort studies. He is a Principal Investigator for the Victorian Cardiac Procedures Registry Project, the Melbourne Interventional Group (MIG) registry, and the ANZSCTS National Cardiac Surgical Registry and currently is Chair of the Australia New Zealand Alliance for Cardiovascular Trials (ANZACT) Network.

Dr Jane Shrapnel: Jane Shrapnel is a Data Scientist at the Sydney Children's Hospital Network, partnering with clinical leads to improve health efficiency and patient care using advanced analytics. After spending over a decade working in Data Science, consulting to top companies in Australia, Jane is now passionate about applying this experience to transform the digital space in healthcare.

Dr Charmaine Tam: Charmaine is an Analytics Translator and Senior Research Fellow at Northern Clinical School and the Centre for Translational Data Science, the University of Sydney. Charmaine works at the much-needed interface between health domain experts and data engineers and scientists, ensuring that insights from the burgeoning amount of digital health data are best utilised to lead to improvements in human health within appropriate governance and privacy safeguards. On a day-to-day basis, she manages an analytics team which focuses on harnessing insights from structured and unstructured data, such as free-text and images, extracted from eMR systems.