

Paediatric Blood Pressure Symposium - Final Program

A satellite of the Annual Scientific Meeting of the HBPRCA

Date: 6 December, 2021 (Times are Australian Eastern Daylight Time, AEDT)

Format: Hybrid in-person/online (Zoom)

In-person venue: Vernon Collins Theatre, Level 1 North Building, Royal Children's Hospital, Melbourne

8:00 – 8:30: Tea/Coffee (in person)

Session 1 – Moderated by A/Prof Cathy Quinlan and Melanie Clarke

8:30 – 8:35: Welcome and symposium overview (A/Prof Jonathan Mynard)

8:35 – 9:10 – Eileen Brennan keynote (live cross, 30 + 5 mins) – Great Ormond Street Hospital for Children – “Challenges and solutions for measuring and managing high blood pressure in children”

Eileen Brennan is the former manager of the paediatric hypertension clinic at Great Ormond Street, London, and highly respected clinician in front-line management of high blood pressure in children.

9:10 – 9:45: Prof Joseph Flynn keynote (live cross, 30 mins + 5 mins discussion) – Seattle Children's Hospital – “Why should we detect and manage high blood pressure in children?”

Joseph Flynn, MD, MS, is a Professor of Pediatrics in the University of Washington School of Medicine and Chief of the Division of Nephrology at Seattle Children's. He also holds the Dr. Robert O. Hickman Endowed Chair in Pediatric Nephrology. He served on the Working Group of the National High Blood Pressure Education Program, is a past-president of the American Society of Pediatric Nephrology, and was co-chair and lead author of the American Academy of Pediatrics clinical practice guidelines for childhood hypertension.

9:45 – 10:10: Dr Nick Larkins – Perth Children's Hospital - “Paediatric hypertension in Australia” (20 + 5 mins)

Dr Nick Larkins is a Consultant Paediatric Nephrologist at Perth Children's Hospital. He holds a Master of Medicine in Clinical Epidemiology and PhD in hypertension and proteinuria in children (University of Sydney) and is a leading expert on hypertension in Australian children.

10:10 – 10:30: Morning tea break

Session 2 – Moderated by Prof Michael Cheung and Dr Anastasia Mihailidou

10:30 – 11:05: Prof Terry Dwyer (keynote) – MCRI – “Associations of childhood cardiovascular risk factors with events and mortality in adulthood – i3C consortium” (30 + 5 mins)

Prof Dwyer is a non-communicable disease epidemiologist with extensive experience in the conduct of cohort and case control studies. He was previously Director of the Murdoch Children's Research Institute at the Royal Children's Hospital, Melbourne, Professor of Epidemiology at University of Oxford, and Former Executive Director, The George Institute for Global Health, University of Oxford. He is chair of the International Childhood Cardiovascular Cohorts (i3C) Consortium.

11:05 – 11:30: A/Prof Cathy Quinlan – MCRI/RCH – “Secondary hypertension in children” (20 + 5 mins)

A/Prof Quinlan is a Consultant Paediatric Nephrologist at The Royal Children's Hospital and Honorary Research Fellow at the Murdoch Children's Research Institute. Her research interests include inherited kidney disease, cardiovascular disease in kidney disease, nephrotic syndrome, cystic fibrosis, renal disease and peritoneal dialysis.

11:30 – 11:50: Prof Jeanie Cheong – MCRI – “High blood pressure and preterm birth” (15 + 5 mins)

Jeanie Cheong is a neonatologist who is interested in outcomes beyond the neonatal nursery. She is the Director of the Victorian Infant Collaborative study, the longest running epidemiological program of research into health and developmental outcomes after extremely preterm birth.

(Student / Early career researcher presentations)

11:50 – 12:10: Jonathan Glenning – MCRI – “Design of a pilot school-based blood pressure screening program” (15 + 5 mins)

Jonathan Glenning is a PhD Candidate within Heart Research at the Murdoch Children's Research Institute, and the Department of Paediatrics at the University of Melbourne. His research aims to improve the accuracy of blood pressure measurement as well as establishing and expanding novel approaches for blood pressure screening in children and adolescents.

12:10 – 12:30: Terry Fong – University of Tasmania – “The Youth Vascular Consortium”

Terry Fong is a PhD Candidate with the University of Melbourne. His work with the Youth Vascular Consortium is collating data related to the measurement of vascular ageing in children, adolescents, and young adults to aid with assessment of vascular ageing in early life, with the hope this will lead to preventing adverse cardiovascular events later in life.

12:30 – 13:10: Lunch

13:10 – 13:30 A/Prof Jonathan Mynard – MCRI – “Introducing BPOzKids – Australian paediatric blood pressure network”

A/Prof Mynard is a NHMRC R.D. Wright Fellow and Heart Foundation Future Leader Fellow, and holds honorary appointments with the Departments of Paediatrics and Biomedical Engineering at the University of Melbourne. He is a Team Leader and Research Fellow within Heart Research at MCRI and is on the Executive of the High Blood Pressure Research Council of Australia. His research program focuses on childhood hypertension, arterial haemodynamics and cardiovascular disease.

13:30 – 14:30 Roundtable discussion – developing a roadmap for BPOzKids (chair: Jonathan Mynard)

14:30 Close