

Curriculum Vitae

Personal information Rowena McMullan

Work experience

October 2023 - present: Clinical evaluator, Therapeutic Goods Administration, Australia. Evaluation of clinical data supporting reports of evidence-based decisions within a regulatory framework.

January 2020 - October 2023: Consultant Neonatology/Paediatrics at Prince of Wales Private Hospital and Northern Beaches Hospital, Sydney, Australia. Care and follow up of newborn patients and their families.

November 2014- January 2020: Staff Specialist Neonatologist Royal Prince Alfred Hospital, Sydney and Clinical Lecturer University of Sydney, Australia. Care and follow up of newborn patients and their families. Undergraduate and postgraduate teaching.

2007-2014: Advanced Training in Neonatology/Perinatology, Sydney, Australia (and 2 periods of maternity leave).

2000-2007: General Paediatric training in UK (Manchester, Leeds, Sheffield) and Sydney Children's Hospital, Australia.

Education and training

Current: Student at University of Sydney, Masters of Public Health.

2014: Fellow of the Royal Australasian College of Physicians, Paediatrics and Child Health Division. Specialist in Neonatal and Perinatal Medicine.

2004: Membership of Royal College of Paediatrics and Child Health, UK.

September 1995-July 2000: Bachelor of Medicine and Surgery, University of Manchester, UK.

Additional information

Publications

Identification of infants at risk of adult cardiovascular disease:
McMullan R, Dissanayake H, Kong Y, Caterson I, Celermajer D, Phang M, Raynes-Greenow C, Polson J, Gordon A, Skilton M. Cardiac and vascular health in late preterm infants. Journal of Developmental Origins of Health and Disease 2022;13(1):128-134
Koemel NA, Senior AM, Dissanayake H, Ross M, **McMullan R**, Kong Y, Phang M, Hyett J, Gordon A, Simpson S, Skilton M. Maternal Dietary Fatty Acid Composition and Newborn Epigenetic Aging – A Geometric Framework Approach. The American Journal of Clinical Nutrition 2022;115(1):118-127
McKenzie K, Nasir R, Kong Y, Dissanayake H, **McMullan R**, Gordon A, Meroni A, Phang M, Skilton M. Maternal Dietary Carbohydrate Intake and Newborn Aortic Wall Thickness. Nutrients 2021; 13(4):1382.
Phang M, Ross J, Raythatha JH, Dissanayake H, **McMullan R**, Kong Y, Hyett J, Gordon A, Molloy P, Skilton M. Epigenetic aging in newborns: role of maternal diet. The American journal of clinical nutrition 2020;111 (3), 555-561.
Phang M, Dissanayake H, **McMullan R**, Hyett J, Gordon A, Garg

ML, Skilton M. Increased α -linolenic acid intake during pregnancy is associated with higher offspring birth weight. *Current developments in nutrition* 2019; 3(2).

Dissanayake H, Anderson L, **McMullan R**, Caterson I, Hyett J, Phang M, Raynes-Greenow C, Polson J, Skilton M, Gordon A. Influence of maternal and placental factors on newborn body composition. *Journal of Paediatrics and Child Health* 2019;56 (2), 224-230

McMullan R, Dissanayake H, R, Kong Y, Caterson I, Celermajer D, Phang M, Raynes-Greenow C, Polson J, Gordon A, Skilton M. Body Fatness and Cardiovascular Health in Newborn Infants. *Journal of Clinical Medicine* 2018;7(9):270.

Dissanayake H, **McMullan R**, Gordon A, Caterson I, Celermajer D, Phang M, Raynes-Greenow C, Skilton M, Polson J. Noninvasive assessment of autonomic function in human neonates born at the extremes of fetal growth spectrum. *Physiological Reports* 2018;6(8):e13682.

McMullan R, Fuller N, Caterson I, Celermajer D, Gordon A, Hespe C, Hyett J, Phipps H, O'Reilly C, Skilton M. Developmental Origins of Health and Disease: Who knows? Who cares? *Journal of Paediatrics and Child Health* 2017;53(6):613-614.

Mckenzie K, Dissanayake H, **McMullan R**, Caterson I, Celermajer D, Gordon A, Hyett J, Meroni A, Phang M, Raynes-Greenow C, Polson J, Skilton M. Quantity and Quality of Carbohydrate Intake during Pregnancy, Newborn Body Fatness and Cardiac Autonomic Control: Conferred Cardiovascular Risk? *Nutrients* 2017;9 (12):1375.

Other research:

McMullan R; Gordon A. Antibiotics at the time of removal of central venous catheter to reduce morbidity and mortality in newborn infants. *Cochrane Database of Systematic Reviews* 2018

McMullan R, Menon V, Beukers AG, Jensen SO, van Hal SJ, Davis R. Cronobacter sakazakii infection from expressed breast milk, Australia. *Emerging Infectious Diseases* 2018; 24 (2): 393

Thamrin V, Saugstad O, Tarnow-Mordi W, Wang A, Lui K, Wright I, De Waal K, Travadi J, Smyth J, Craven P, **McMullan R**, Coates E, Ward M, Mishra P, Ching See K, Cheah I, Theam Lim C, Mun Choo Y, Ahmad Kamar A, Choe Cheah F, Masoud A, Oei J. Preterm infant outcomes after randomization to initial resuscitation with FiO₂ 0.21 or 1.0. *The Journal of Pediatrics* 2018; 201:55-61.

Oei JL, Saugstad OD, Lui K, Wright IM, Smyth JP, Craven P, Wang YA, **McMullan R**, Coates E, Ward M, Mishra P, De Waal K, Travedi J, Ching SK, Cheah IGS, Theam LC, Mun CY, Kamar AA, Choe CF, Masoud A, Tarnow- Mordi W. Targeted Oxygen in the Resuscitation of Preterm Infants and their Developmental Outcomes. *Pediatrics* 2017;139(1):e20161.

McMullan R, Gordon A. Impact of a central line infection prevention bundle in newborn infants. *Infection Control and Hospital Epidemiology* 2016 Jun; 37(9):1029-36.

Oei J, Abdel-Latif ME, **Clark R**, Craig F, Lui K. Short term outcomes of mothers and infants exposed to antenatal amphetamines. *Arch Dis Child Fetal Neonatal Ed* 2010; 95:F36-41.

Clark R, Lui K, Oei J. Use of oxygen in the resuscitation of preterm infants: Current opinion and practice in Australia and New Zealand. *Journal of Paediatrics and Child Health* 2009; 45(1):31

Projects

None recently.

Previously - research projects focusing on infection control in neonatal intensive care units and cardiovascular markers of health and disease in newborn infants.

Memberships

None

Other Relevant Information

None