

Dr Claire M LAWLEY

MBBS (Hons I), BSc(Med)Hons (Hons I), PhD, FRACP

Career Overview

Dr Lawley is an Australian-trained paediatric cardiologist and clinical senior lecturer with the University of Sydney, currently completing additional post graduate clinical training in invasive electrophysiology and inherited heart disease at The Royal Brompton Hospital. She has previously worked at Sydney Children's Hospital Network and Great Ormond Street Hospital for Children. She was awarded her fellowship of The Royal Australasian College of Physicians, Paediatric Cardiology (FRACP), in 2021 and her PhD in 2019 from the University of Sydney. She undertook her undergraduate medical education at the University of New South Wales, where she received 1st class honors. She is committed to improving the outcomes of children and families affected by heart disease, with a special interest in paediatric rhythm disorders and inherited cardiac conditions.

Qualifications

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| 2021 | Fellow of the Paediatrics and Child Health Division of The Royal Australasian College of Physicians, Paediatric Cardiology (FRACP) |
| 2019 | Doctor of Philosophy (Medicine), The University of Sydney |
| 2011 | Bachelor of Medicine, Bachelor of Surgery (Honours, Class 1), The University of New South Wales Bachelor of Science (Medicine) Honours in Medicine (Honours, Class 1), The University of New South Wales |

Professional History

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| Dec 2022 – Current | Fellow in Paediatric Electrophysiology and Inherited Cardiac Conditions, Royal Brompton Hospital, Guy's and St Thomas' NHS Foundation Trust, London, United Kingdom |
| Aug 2022 – Nov 2022 | Locum Consultant Paediatric Cardiologist with an interest in Inherited Cardiovascular Diseases (ICVD), Great Ormond Street Hospital for Children, London, United Kingdom |
| May 2022 – Jul 2022 | Clinical Fellow in ICVD, Great Ormond Street Hospital for Children, London, United Kingdom |
| Sep 2020 – Oct 2021 | Clinical Fellow in Paediatric Cardiology, Great Ormond Street Hospital for Children, London, United Kingdom |
| Feb 2020 – Current | Honorary Fellow, Heart Centre for Children, Sydney Children's Hospitals Network (SCHN), |

Research Experience

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| 2013 – 2019 | Doctor of Philosophy " <i>Outcomes in structural heart disease in New South Wales, Australia: From paediatrics to pregnancy</i> ", Medicine and Health, The University of Sydney, Sydney, Australia. Supervisors: Professor Gemma Figtree, Associate Professor Christine Roberts, Dr Samantha Lain |
| 2009 | Bachelor of Science (Medicine) Honours " <i>Detecting late Trastuzumab cardiotoxicity using cardiac magnetic resonance imaging</i> ", Faculty of Medicine, The University of New South Wales, Sydney, Australia. Supervisors: Associate Professor Jane McCrohon, Associate Professor Eva Segelov |

Publications

- Lawley CM and Kaski JP. (2023) Clinical and genetic screening for hypertrophic cardiomyopathy in paediatric relatives: Changing paradigms in clinical practice. *Journal of Clinical Medicine*.12:2788.
- Lawley CM, Arnott C and Figtree GA. (2023) Reassurance for parents with children born via assisted reproductive technology or too soon to tell? *European Heart Journal*. <https://doi.org/10.1093/eurheartj/ehac827> (online ahead of print)
- Lawley CM, Skinner JS, Turner C. (2023) Reply to the editor - e-gaming should not equal e-fear. *Heart Rhythm*. 20(3):478-479
- Lawley CM, Tester M, Sanatani S, Prendiville T, Beach CM, Vinocur JM, Horie M, Uhm J-S, Khongphatthanayothin A, Ayers MD, Starling L, Yoshida Y, Shah MJ, Skinner JR and Turner C. (2022) Life-threatening cardiac arrhythmia and sudden death during electronic gaming: An international case series and systematic review. *Heart Rhythm*. 19(11):1826-1833
- Lawley CM, Tanous, D, O'Donnell C, Anderson B, Aroney N, Walters D, Shipton S, Wilson W, Celeremajer D, Roberts P. (2022) Ten years of percutaneous pulmonary valve implantation in Australia and New Zealand. *Heart Lung and Circulation*. 31(12):1649-1657
- Lawley C, Hockey K, Yeo LL, Liava'a M, Roberts P. (2022) Increasing use of neonatal catheter intervention for pulmonary atresia with intact ventricular septum: Management trends from a single centre. *Heart Lung and Circulation*. 31(4):549-558

- Lawley CM, Skinner JR, Turner C. (2019) Syncope due to ventricular arrhythmia triggered by electronic gaming. *New England Journal of Medicine*. 381(12):1180-1181
- Lawley CM, Popat H, Wong M, Badawi N, Ayer J. (2019) A dramatic response to sirolimus therapy in a premature infant with massive cardiac rhabdomyoma. *JACC: Case Reports*. 1(3):327-331
- Lawley CM, Winlaw S, Sholler GF, Martin A, Badawi N, Walker K, Nassar N, Lain S. (2019) School-age developmental and educational outcomes following cardiac procedures in the first year of life: A population-based record linkage study. *Pediatric Cardiology*. 40(3):570-579
- Lawley CM, Broadhouse KM, Callaghan FM, Winlaw DS, Figtree GA, Grieve SM. (2018) 4D flow magnetic resonance imaging: Role in paediatric congenital heart disease. *Asian Cardiovascular and Thoracic Annals*. 26(1):28-37
- Lawley CM, Lain, SJ, Figtree GA, Sholler GF, Winlaw DS, Roberts CL. (2017) Mortality, rehospitalizations and costs in children undergoing a cardiac procedure in their first year of life in New South Wales, Australia. *International Journal of Cardiology*. 2017:156-162
- Nkoane-Kelaeng BA, Lawley, CM, Figtree, GA (2016) Smoking cessation in pregnancy: Review of current strategies. *Journal of Addiction Medicine and Therapy*. 4(1):1022
- Lawley CM, Lain SJ, Algert CS, Ford JB, Figtree GA, Roberts CL (2015) Prosthetic heart valves in pregnancy, outcomes for women and their babies: A systematic review and meta-analysis. *BJOG*. 122(11):1446-55
- Lawley CM, Lain SJ, Figtree GA, Roberts CL (2014) Health outcomes of infants born to women with heart valve prostheses: Complications of prematurity alone? *Journal of Maternal-Fetal and Neonatal Medicine*. 29(2):234-236
- Lawley CM, Algert CS, Ford JB, Nippita TA, Figtree GA, Roberts CL (2014) Heart valve prostheses in pregnancy: Outcomes for women and their infants. *Journal of the American Heart Association*, 3(3):e000953
- Lawley CM, Lain SJ, Algert CS, Ford JB, Figtree GA, Roberts CL (2014) Prosthetic heart valves in pregnancy: a systematic review and meta-analysis protocol. *Systematic reviews*. 3(1):8
- Balasoorya C, Olupeliyawa A, Iqbal M, Lawley C, Cohn A, Ma D, Luu Q (2013) A Student-led process to enhance the learning and teaching of teamwork skills in medicine. *Education for Health*. 26(2):78-84
- Lawley C, Mazhar J, Grieve SM, Figtree GA (2013) Visualizing pericardial inflammation in Dressler's syndrome with cardiac magnetic resonance imaging. *International Journal of Cardiology*, 168(1):e32-3
- Mazhar J, Lawley C, Gill AJ, Grieve SM, Figtree GA (2013) Visualizing pericardial inflammation as the cause of acute chest pain in a patient with a congenital pericardial cyst: the incremental diagnostic value of cardiac magnetic resonance. *European Heart Journal*. 34(19):1413
- Lawley C, Wainwright C, Segelov E, Lynch J, Beith J, McCrohon J (2012) Pilot study evaluating the role of cardiac magnetic resonance imaging in monitoring adjuvant trastuzumab therapy for breast cancer. *Asia-Pacific Journal of Clinical Oncology*, 8(1):95-100

Professional Memberships

Australian Health Practitioner Regulation Agency
General Medical Council, United Kingdom
Fellow of The Royal Australasian College of Physicians, Division of Paediatrics and Child Health
Cardiac Society of Australia and New Zealand Associate Member
American Heart Association Early Career Member
NSW Cardiovascular Research Network (CVRN) Member