

Position Description

Position title	Paediatric Cardiac Physiologist
Department / Division	Department of Cardiology/Division of Surgery
Classification	Cardiac Physiologist Grade 3 Year 1 – Grade 3 Year 4 (BC1 – BC4)
Position reports to	Operational: Chief Cardiac Physiologist Professional: Chief Cardiac Physiologist
No. of direct & indirect reports	N/A
Location	The Royal Children's Hospital, Flemington Road, Parkville
Risk category	Category B - works in a patient facing setting but rarely or unlikely to have contact with blood or body fluids (or aerosols without PPE)

The Royal Children's Hospital
<p>The Royal Children's Hospital's (RCH) vision is A world where all kids thrive.</p> <p>RCH is located within the Melbourne Biomedical Precinct, with more than 45 world-class biomedical organisations and more than 50,000 of the brightest minds working together to make the Precinct number one in the Asia Pacific region for health, education, research, and training. Within this, RCH is also a cornerstone member of the Melbourne Children's Campus, partnering with Murdoch Children's Research Institute, The University of Melbourne Department of Paediatrics and The Royal Children's Hospital Foundation. Each organisation contributes to a paediatric academic health centre which is greater than the sum of its parts.</p> <p>RCH has cared for the children and young people of Victoria for more than 150 years since it was founded in 1870. A full range of paediatric and adolescent health services are provided plus tertiary and quaternary care for the most critically ill and medically complex patients in Victoria. Tasmania, southern NSW and other states around Australia and overseas. The RCH is the only provider of heart transplant services and CAR T-cell therapy for paediatrics in Australia. RCH is an effective advocate for patients and their families with a particular focus on vulnerable children and increasingly, mental health in young people. The hospital also supports many health promotion and prevention programs. The Hospital has more than 6,000 staff, a budget of \$850M, 12 wards and 350 beds. Annually, the RCH has 300,000+ Specialist Clinic appointments, 90,000+ Emergency Department presentations and 20,000 elective surgeries.</p> <p>We work collaboratively with hospitals to deliver the right care, in the right place, at the right time. The RCH is committed to the Child Safe Standards https://www.rch.org.au/quality/child-safety/.</p> <p>RCH enjoys high employee engagement and is committed to staff safety and a positive culture through enactment of our Compact.</p> <p>Further information on RCH is available at www.rch.org.au</p>

ROLE CONTEXT
<p>This role is a backfill parental leave position within the Cardiac Physiology group of the Cardiology Department. Since the primary role of this position is to provide high quality testing for patients with suspected or known congenital heart disease, it aligns with the organisation's strategic goals of delivering excellence in healthcare and providing excellent education, development and training.</p>

ROLE PURPOSE

The holder of this role is expected to primarily perform the diagnostic and clinical duties typical of a Paediatric Cardiac Sonographer i.e. detailed echocardiographic (Cardiac Ultrasound) examinations including the use of 2D (B-Mode) imaging, M-mode, colour flow and spectral Doppler techniques.

It is expected that the successful candidate will discharge their duties with the highest quality service delivery, the best possible care for patients and their families and is expected to work collaboratively with all relevant stakeholders in accordance with the Royal Children's Hospital values, policies and procedures and Compact.

KEY ACCOUNTABILITIES

Clinical Responsibilities:

- Correctly apply the use of a variety of Ultrasound imaging modalities e.g. 2D, M-Mode, Colour and Spectral Doppler to examine a range of paediatric patients with suspected or known congenital heart conditions
- Provide a detailed and accurate preliminary report as per standard RCH departmental and associated professional guidelines e.g. ASE, ASUM, ASA or CSANZ
- Perform or assist with other diagnostic Cardiac Ultrasound procedures including, but not limited to, 3D/4D studies, sedated patient studies, transesophageal echocardiography, intra-procedural studies, agitated saline contrast studies
- Liaise with medical, nursing and other allied health staff re: clinically important findings
- Participate in clinical supervision in accordance with local standard operating procedures and/or the RCH Allied Health Clinical Supervision Guideline which are based on the DHHS Allied Health Clinical Supervision
- Involvement in the planning and training of undergraduate Cardiac Physiologists and/or other post graduate students from a variety of academic backgrounds
- To provide hands on training to fellow Cardiac Physiologists new to the field of paediatric echocardiography, or Cardiology Fellows commencing their Fellowship in the Department
- Participate in both outpatient clinics and a rotating inpatient roster

Administrative Responsibilities:

- Attend regular in-service, national and international educational courses/conferences in order to satisfy ASAR CPD requirements
- Regular attendance at various departmental educational and administrative meetings
- Ensure the transfer of knowledge to appropriate co-workers occurs when required
- Assist with Quality assurance programmes and departmental protocols/guidelines
- Liaise with management and maintenance personnel to ensure optimal equipment performance
- Undertake and/or assist in research projects, including the performance of high quality exams for various research projects conducted by external Departments in partnership with the Cardiology Department
- Participate in the RCH staff appraisal "professional development" programme

Safety and quality :

- All necessary RCH "core training" requirements e.g. BLS, fire and safety, cultural safety, infection control & WHS training
- Working to procedural guidelines for Paediatric Cardiac Ultrasound examinations
- Ensuring all equipment is maintained and cleaned to the highest possible standard as per relevant infection control guidelines and vendor specifications

Other duties as directed:

- Perform resting ECGs on inpatients and outpatients. Alert clinical staff to adverse clinical findings
- Schedule/Fit/remove/analyse Holter monitors and ambulatory loop recorders. Alert clinical staff to adverse clinical findings
- Prepare patients and assist Cardiology Fellows/Cardiologists with supervised Exercise Stress Testing and/or Cardiopulmonary exercise stress testing
- Testing and technical analyses of implantable cardiac devices including simple and complex pacemakers, defibrillators and loop recorders
- Haemodynamic monitoring/recording in the cardiac catheter laboratory
- Monitoring and recording of intracardiac electrograms during diagnostic and interventional electrophysiology procedures
- Entering of data into various cardiac databases, filing of results and other administrative duties
- Ensure adequate levels of consumables are provided in all clinical areas and to alert management of reduced stock levels when appropriate

QUALIFICATIONS AND EXPERIENCE

Essential:

- Attainment of a tertiary (Bachelor) degree in Science or Applied Science, or an equivalent qualification
- Demonstrated industry experience
- Attainment of a Graduate Diploma in Cardiac Ultrasound, or an equivalent qualification
 - NB: All overseas candidates must have their Cardiac Ultrasound qualification/s accredited by the Australian Institute of Radiology (AIR) for eligibility.
- Registry eligible with the Australian Sonographer Accreditation Registry (ASAR) as an Accredited Medical Sonographer (Cardiac)
- Demonstrated extensive experience in the independent performance of Paediatric Cardiac Ultrasound examinations for a range of complex Paediatric Cardiac conditions
- A thorough understanding of cardiac anatomy and the pathophysiology of acquired and congenital heart disease

Desirable:

- A working knowledge of ECG, chest X-rays, and cardiopulmonary haemodynamics to facilitate the interpretation of Echo/Doppler studies.
- Past involvement and understanding of research and clinical trial procedures
- Technical training/experience in other Cardiac diagnostic and interventional procedures
- Membership with ASA, ASUM, ASE, CSE or CSANZ
- Currency in Paediatric BLS (basic life support)

Additional Information:

- Adult sonographers, who wish to be trained in paediatric echocardiography will also be highly considered
- This will require proven and significant (5+ years) experience in the independent performance of adult echocardiograms and reporting for a wide range of adult-based cardiac conditions
- Should the successful applicant be predominantly from an adult background, extensive training/supervision in paediatric echocardiography will be initially conducted by highly experienced paediatric sonographers

KEY SELECTION CRITERIA

- Demonstrated ability to work in a multidisciplinary team
- A high degree of attention to detail and the ability to maintain accurate records for all tests performed
- A flexible approach and ability to work in a changing and dynamic work environment
- Well-developed time management skills in order to balance competing and conflicting priorities
- Highly developed interpersonal, communication and written skills
- Demonstrated ability to build and maintain working relationships with key internal and external stakeholders

OTHER REQUIREMENTS

- Employees are required to undertake a National Criminal Record Check and a Working with Children Check prior to commencing employment
- Employees are required to maintain a valid Working with Children Check throughout their employment
- A current, full driver's licence for the State of Victoria which is appropriate for the type of vehicle being driven, and comply with any restrictions on their licence (e.g. wearing glasses) while undertaking hospital duties (If applicable)
- Employees are required to maintain compliance with RCHs "Staff Immunisation - Prevention of Vaccine Preventable Diseases" procedure

IMPORTANT INFORMATION

All employees are required to adhere to the Royal Children's Hospital Values:

- Curious - We are creative, playful and collaborative
- Courageous - We pursue our goals with determination, ambition and confidence
- Inclusive - We embrace diversity, communicate well, build connections and celebrate our successes together
- Kind - We are generous, warm and understanding

RCH COMPACT

All new and existing employees commit to the RCH Compact to contribute to a strong and respectful culture.

- We do better work caring for children and families when we also care for each other
- I bring a positive attitude to work – I share, I laugh, I enjoy other's company
- I take responsibility for my behaviour and its impact on others
- I am curious and seek out ways to constantly learn and improve
- I celebrate the good stuff, the small stuff, the big stuff – it all matters
- I speak up when things aren't right
- I value the many different roles it takes to deliver great patient care
- I actively listen because I want to understand others and make better decisions
- I am inclusive and value diversity
- When it comes to teamwork, I don't hold back – I'm all in

QUALITY, SAFETY AND IMPROVEMENT

RCH employees have a responsibility and accountability to contribute to the organisation's commitment to Quality, Safety and Improvement by:

- Acting in accordance and complying with all relevant Safety and Quality policies and procedures
- Identifying risks, reporting and being actively involved in risk mitigation strategies
- Participating in and actively contributing to quality improvement programs
- Complying with the requirements of the National Safety & Quality Health Service Standards
- Complying with all relevant clinical and/or competency standards
- Complying with the principles of Patient and Family Centred Care that relate to this position

The RCH is committed to a diverse and inclusive workforce. We encourage applications from Aboriginal and Torres Strait Islander people, people from culturally and/or linguistically diverse backgrounds, all members of the LGBTQI community and people with disability.

Position description last updated

May 2023