



Healthy kids, healthy communities

Compassion

Excellence

Collaboration

Accountability

Equity

Respect

Respiratory Scientist

Position details

Position Number:	00012528
Classification:	HSO Level P1
Agreement:	Health Salaried Officers Agreement
Directorate:	Operations - Service Unit 4 - Medical
Department:	Respiratory Medicine
Location:	Perth Children's Hospital, QEII Campus, Nedlands

Reporting relationships

This position reports to:

00013006	Senior Respiratory Scientist in Charge	HSO Level P3
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Positions under direct supervision:

Position Name	Level	FTE
Position Name	Level	FTE

Key Responsibility

- Perform measurements of respiratory function both standard and complex. Provide monitoring, equipment and educational services for home oxygen program. Participate in a program of continuous quality control of equipment, systems and measurements used to assess respiratory function. Participate in quality assurance programs, departmental and hospital educational and research services.

About our health service

The Child and Adolescent Health Service (CAHS) is a comprehensive service that supports and treats children from around Western Australia, and is committed to programs that promote lifelong health in children and adolescents.

CAHS is made up of four service streams:

- **Neonatology:** Neonatology provides state-wide tertiary neonatal services to the sickest newborn babies and infants in Western Australia.
- **Community Health:** a comprehensive range of community based early identification and intervention services, as well as health promotion, to children and families in the Perth metropolitan area. Services are provided in a variety of settings including at home, local community health centres, child and parent centres and schools.
- **Child and Adolescent Mental Health Services (CAMHS):** provide mental health services to infants, children, young people and their families across the Perth metropolitan area. Services include community based programs, inpatient care at Perth Children's Hospital and specialised services for children with complex mental health conditions across the State.
- **Perth Children's Hospital (PCH):** is the specialist State-wide paediatric hospital and trauma centre for Western Australia, caring for children up to the age of 16. PCH is also a centre of excellence for teaching and research, partnering in major paediatric research and education initiatives led by the Telethon Kids Institute (TKI) and the State's universities.

Our vision

Healthy kids, healthy communities

Our vision of 'healthy kids, healthy communities' sees that children and young people get the best start in life through health promotion, early identification and intervention and patient centred, family-focused care.

Our objectives



Care for children, young people and families



Provide high-value healthcare



Collaborate with our key support partners



Value and respect our people



Promote teaching, training and research

Our values drive us

CAHS promotes a values based workplace culture and all employees are expected to translate our values into action by providing high quality care through:

Compassion

I treat others with empathy and kindness

Excellence

I take pride in what I do, strive to learn and ensure exceptional service every time

Collaboration

I work together with others to learn and continuously improve our service

Accountability

I take responsibility for my actions and do what I say I will

Equity

I am inclusive, respect diversity and aim to overcome disadvantage

Respect

I value others and treat others as I wish to be treated

Summary of accountabilities

1. Professional and Technical

- Perform measurements of respiratory function both standard and complex. Including measurements of lung volumes, gas transfer, exercise tests, inhaled challenge tests, simulated altitude tests.
- Perform oximetry and safety and progress-in-air tests on both hospital in and out patients.
- Liaise with parents of home oxygen patients to ensure efficient service is maintained and to monitor equipment.
- Analyse and collate data from respiratory function tests for subsequent evaluation and reporting by medical staff.
- Computer Use.
- Operate various programs for real-time, online data collection and analysis using Departmental Laboratory Computing System.

2. Quality Control

- Perform daily calibration, maintenance and quality control of equipment and procedures to ensure reliable, accurate measurements
- Document any problem/faults with equipment to monitor equipment performance.
- Participate in Quality Management activities of the department including collecting and analysing data to assess departmental effectiveness and efficiency and patient satisfaction.
- Participate in the monitoring and management of resources used to provide the Department's services including home oxygen therapy and clinical services.
- Participate in the monitoring of equipment movements, laboratory consumables, laboratory records and workload.
- Assure all aspects of equipment management including preventative maintenance is in good order in conjunction with the Hospital Biomedical Department.
- Document and review methodology in the laboratory manual as directed by Senior Respiratory Scientist in Charge.

3. Education and Research

- Meet regularly with the medical staff in the department to review procedures and administration and participate in a continuing program of education and peer review.
- Participate in instruction and education of medical students, junior medical staff, and nursing and paramedical staff in the use and application of the department's equipment and services.
- Conduct educational in-service and training for provision of home oxygen therapy.
- Assist in training of new laboratory technical staff and staff from other hospitals.
- Instruction of patients in the correct use of bronchodilator aerosols.
- As required participate in the evaluation and implementation of new equipment and tests to assess respiration function.

4. CAHS governance, integrity, safety and quality requirements

- Commits to undertake the duties of the role in accordance with the WA Health Code of Conduct; the CAHS Vision and Values; and CAHS commitment to protecting children and promoting their safety.
- Maintains a safe work environment by taking reasonable care for own health and safety and that of others.
- Undertakes duties to an agreed performance standard to support safe, high-quality health care with a focus on continual improvement, efficiency, effectiveness and sustainability.
- Directly or indirectly supports the delivery of safe patient care and the consumers' experience ensuring services are family centred.
- Contributes to continuous quality improvement activities by identifying, facilitating or participating in practices in accordance with the requirements of the National Safety and Quality Health Service (NSQHS) Standards, health service strategic direction and the WA Public Sector.
- Completes mandatory and core requirement training as relevant to the role and service.
- Performs duties in accordance with WA Public Sector, WA Health, CAHS and other specific service policies and procedures and applicable legislative obligations under *Public Sector Management Act (WA) 1994*, *Health Services Act (WA) 2016*, *Occupational Safety and Health Act (WA) 1984*, *Disability Services Act (WA) 1993* and the *Equal Opportunity Act (WA) 1984*.
- Actively contributes to the development of the health service by undertaking other duties as directed including additional tasks or projects in line with continual improvement, collaboration and sustainable health initiatives.

Work related requirements

The following criteria should be considered in the context of the CAHS Vision, Objectives and Values.

Essential selection criteria

1. Tertiary qualification in medical sciences, clinical sciences, physiology or biomedical sciences and eligible for associate or ordinary membership of the Australia New Zealand Society of Respiratory Science (ANZSRS).
2. Demonstrated understanding of physical and/or biological principles used in flow, pressures, volumes, gas concentrations etc.
3. Demonstrated ability to perform measurements, analyse results and prepare clear and concise technical reports.
4. Ability to communicate effectively with clinical and allied health staff and patients.
5. Ability to work in a team setting and to perform tasks unsupervised.

Desirable selection criteria

1. Understanding of respiratory physiology.
2. Experience in a respiratory function laboratory or respiratory physiology department.
3. Possession of - or progress toward CRFS.
4. Experience in a Hospital environment.
5. Demonstrated ability to work with children.
6. Current knowledge and commitment to Equal Opportunity in all aspects of employment and service delivery.

Appointment to this position is subject to the following:

- Evidence of eligibility for or current associate or ordinary membership of the Australia New Zealand Society of Respiratory Science (ANZSRS) must be provided prior to commencement.
- Working with Children (WWC) Check, compulsory check for people who carry out child-related work in Western Australia.
- Provision of the minimum identity proofing requirements in line with the standards set by the National Security Strategy.
- Successful criminal record screening clearance.
- Successful pre-employment integrity check.
- Successful pre-employment health assessment.

Certification

Created on

Last Reviewed

HSS Registered

Insert date

Insert date

9/11/2021

I verify that the details in this document are an accurate reflection of the requirements of the position.

Manager / Supervisor

Signature or HE Number

Date

As an Occupant of this position, I have noted the statement of duties, responsibilities and other requirements as detailed in this document.

Occupant Name

Signature or HE Number

Date