

Position Description

Medical Physicist Trainee

Classification:	Medical Physicist Trainee - G1 Y1-Y3 (FF1-FF3)
Business unit/department:	Department of Radiology
Work location:	Austin Hospital ☒ Heidelberg Repatriation Hospital ☒ Royal Talbot Rehabilitation Centre ☒ Other ☐ (please specify)
Agreement:	Victorian Public Health Sector (Medical Scientists, Pharmacists and Psychologists) Single Enterprise Agreement 2021-2025
Employment type:	Fixed-Term Full-Time
Hours per week:	40 hrs (38 + ADO)
Reports to:	Director, Department of Radiology
Direct reports:	Radiology Principal Medical Physicist
Financial management:	Budget: Medical Physics
Date:	September 14, 2026

Position purpose

This is a three-year full-time entry level position where the diagnostic imaging medical physicist (DIMP) registrar undertakes closely supervised practice whilst in training. Closely supervised practice means the maintenance of a close degree of oversight on all medical physics work undertaken by the Senior DIMP/RSO. The DIMP registrar will be mentored and guided to develop knowledge and understanding of the role, functions and duties of medical physicists with priority given to radiation safety and education. The DIMP registrar will work in all aspects of medical physics and radiation safety. The DIMP registrar will perform testing of radiology and/or nuclear medicine equipment to ensure compliance with the Victorian regulatory requirements and relevant Australian Standards. The DIMP registrar will play an active role in the facilitation of the Medical Imaging Department's quality assurance program. Working under the close supervision of a senior DIMP/RSO. The DIMP registrar will be fully involved in all aspects of providing a clinical diagnostic imaging medical physics service. The DIMP registrar will enrol in the Australasian College of Physical Scientists and Engineers in Medicine (ACPSEM) DIMP Training Education and Assessment Program (TEAP) program with the aim to complete the training within the three-year employment period.

About the Directorate/Division/Department

The Departments of Radiology and Molecular Imaging & Therapy are located on two campuses that are situated one kilometre apart. The Department of Radiology has a full array of diagnostic and interventional radiology systems. In addition, the Department of Molecular Imaging and Therapy has a range of diagnostic radiology equipment in the form of hybrid molecular imaging cameras (SPECT/CT gamma cameras, PET/CT scanners).

Position responsibilities

Under direction and appropriate supervision from the Senior DIMP/RSO:

- Enrol and actively participate in the ACPSEM DIMP TEAP Program
- Actively participate in routine quality assurance and acceptance and compliance testing of equipment.
- Undertake dose estimates for all medical imaging modalities.
- Undertake shielding calculations for all medical imaging modalities.
- Attend and participate in departmental and institutional meetings as directed.
- Participate in departmental and institutional research projects as directed.
- Present radiation safety talks or information sessions on a radiation safety/physics topic as directed

All Employees:

- Comply with Austin Health policies & procedures, as amended from time to time, which can be located on the intranet (The Pulse): <http://eppic/>
- Report incidents or near misses that have or could have impact on safety - participate in identification and prevention of risks
- Comply with the Code of Conduct

People Management Roles:

- Ensure clear accountability for quality and safety within the department
- Ensure incident management systems are applied and a response to local issues and performance improvement occurs; ensure the risk management system is functional
- Be aware of and comply with the core education, training and development policy.

Selection criteria

Essential skills and experience:

- Strong interpersonal skills, both written and verbal
- Demonstrated ability to work effectively as a member of a multi-disciplinary team and interact with patients as required
- A demonstrated high level of oral and written communication and associated interpersonal skills
- Self-motivated and organised.
- A current, full drivers 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
- Knowledge of medical imaging technology and radiation safety principles and practice as applied to medicine

Desirable but not essential:

- Experience in use of sophisticated dosimetry equipment
- Experience in calculating individual patient doses
- Hold or be eligible to hold Victorian regulatory approval for radiation dose estimates for research trials
- Hold or be eligible to hold a Victorian Tester's Approval
- Hold or be eligible to hold a Victorian Radiation Use Licence



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- Demonstrated ability to actively participate in multi-disciplinary teams and interact with patients
- Knowledge of Victorian, Australian and International Standards and Codes of Practice relevant to radiation safety in medicine
- Strong knowledge in computing programming/languages and database management.

Professional qualifications and registration requirements

- Essential: Bachelor's degree in Physics, Medical Physics, or a closely related discipline.
- Desirable: Completed (or close to completing) an ACPSEM accredited postgraduate program in medical physics.
- Eligible to undertake the TEAP Diagnostic Medical Physics training program and meet the relevant training/educational requirements.
- Professional membership: Membership or eligibility for membership of the relevant professional body, such as the Australasian College of Physical Scientists and Engineers in Medicine (ACPSEM).
- Ability to meet any applicable registration, credentialing, or employment requirements of the relevant health service and jurisdiction.

Quality, safety and risk – all roles

All Austin Health employees are required to:

- Maintain a safe working environment for yourself, colleagues and members of the public by following organisational safety, quality and risk policies and guidelines.
- Escalate concerns regarding safety, quality and risk to the appropriate staff member, if unable to rectify yourself.
- Promote and participate in the evaluation and continuous improvement processes.
- Comply with the principles of person-centered care.
- Comply with requirements of National Safety and Quality Health Service Standards and other relevant regulatory requirements.

Other conditions – all roles

All Austin Health employees are required to:

- Adhere to Austin Health's core values: *our actions show we care, we bring our best, together we achieve, and we shape the future.*
- Comply with the Austin Health's Code of Conduct policy, as well as all other policies and procedures (as amended from time to time).
- Comply with all Austin Health mandatory training and continuing professional development requirements.
- Provide proof of immunity to nominated vaccine preventable diseases in accordance with Austin Health's immunisation screening policy.
- Work across multiple sites as per work requirements and/or directed by management.



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General information

Cultural safety

Austin Health is committed to cultural safety and health equity for Aboriginal and/or Torres Strait Islander People. We recognise cultural safety as the positive recognition and celebration of cultures. It is more than just the absence of racism or discrimination, and more than cultural awareness and cultural sensitivity. It empowers people and enables them to contribute and feel safe to be themselves.

Equal Opportunity Employer

We celebrate, value, and include people of all backgrounds, genders, identities, cultures, bodies, and abilities. We welcome and support applications from talented people identifying as Aboriginal and/or Torres Strait Islander, people with disability, neurodiverse people, LGBTQIA+ and people of all ages and cultures.

Austin Health is a child safe environment

We are committed to the safety and wellbeing of children and young people. We want children to be safe, happy and empowered. Austin Health has zero tolerance for any form of child abuse and commits to protect children. We take allegations of abuse and neglect seriously and will make every effort to mitigate and respond to risk in line with hospital policy and procedures.



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