

Austin Health

Position Description



Position Title: Radiation Oncology Medical Physics Registrar

Classification:	Grade 1 -FF3 to FF5
Business Unit/ Department:	Radiation Oncology Ballarat
Work location:	Ballarat (Ballarat-Austin Radiation Oncology Centre)
Agreement:	Victorian Public Health Sector (Medical Scientists, Pharmacists and Psychologists) Enterprise Agreement 2021 - 2025
Employment Type:	Fixed-Term Full-Time
Hours per week:	38
Reports to:	Dr. Kym Rykers
Direct Reports:	0
Date:	2/10/2024

About Austin Health

Austin Health is recognised for high-quality, person-centred care. We're renowned for our specialist work in cancer, transplantation, infectious diseases, obesity, sleep medicine, intensive care medicine, neurology, endocrinology, mental health and rehabilitation.

We're the largest Victorian provider of training for specialist physicians and surgeons, and internationally recognised as a centre of excellence in hospital-based research.

Our services are delivered to patients across four main sites in Melbourne, in locations across our community, in people's homes, and within regional hospitals across Victoria.

We aim to provide an inclusive culture where all staff can contribute to the best of their ability and strive to develop further. We recognise that our people are our greatest strength. We want them to thrive, be their best selves and feel engaged, safe and empowered. To achieve this, diversity and inclusion is essential to our culture and our values. You can view our current Diversity and Inclusion Plan [here](#).

Commitment to Gender Equality

Austin Health is committed to gender equality in the workplace. In developing our [Gender Equality Action Plan](#) we have been guided by the gender equality principles set out in the Gender Equality Act 2020 (Vic). We believe that everyone should live in a safe and equal society, have access to equal power, resources and opportunities and be treated with dignity, respect, and fairness.

Position Purpose

This is an entry level position.

Graduates with an MSc/PhD and current TEAPs are encouraged to apply. You must have a Physics undergraduate Major or a Masters/PhD in Medical Physics to meet the position requirements.

Training and duties will cover a wide range aligned with the ACPSEM Clinical Training Guide (CTG) for clinical radiation oncology physics with opportunities, and expectations, for the successful applicant to take an active role in clinical and research pursuits. Strong communication skills are key to performing well in this post, as is the ability to meet deadlines, to be flexible and to work well within a team. Attendance at conferences, training and workshops aligned to TEAP outcomes will be supported.

About Ballarat Austin Radiation Oncology Centre

An exciting opportunity awaits you!

Austin Health is the major provider of tertiary health services, health professional education and research across our metropolitan and regional campuses. We have a highly engaged, diverse and collaborative workforce that is unified by our goal to help people live healthy and fulfilled lives.

About BAROC:

Ballarat Austin Radiation Oncology Centre (BAROC) is located within the Ballarat Regional Integrated Cancer Centre (BRICC) and is operated by Austin Health. Ballarat is a vibrant regional hub offering easy access to Melbourne, surf coast shire beaches and the greater Grampians region. Our facilities include:

- 2 x Varian Trilogy Linear accelerators, with online image guidance, 6DoF robotic couch, Respiratory Gating, DIBH and VMAT treatment delivery (Major equipment replacement planning is currently underway and will include Varian Truebeam Linacs along with the Vision AlignRT Surface guidance and Brainlab Exactrac Dynamic platforms scheduled for installation in 2025).
- Dedicated SABR treatment program utilising DCAT treatment delivery.
- Siemens definition AS 64 CT suite & Elekta Monaco planning system.
- Electronic medical record (EMR) using ARIA 15 Oncology Information System.
- Integration with a range of affiliated services including Medical Oncology, Clinical Trials, and a Wellness centre offering a broad range of support programs to promote our patient's health in mind, body and spirit.
- Remote SXRT service based in Stawell, (Ballarat unit currently being commissioned for clinical use).

Strong collaboration with our metropolitan site in Heidelberg, enabling cross-campus support, communication and knowledge sharing.

Purpose and Accountabilities

This position is primarily based in Ballarat.

- The Medical Physics Registrar is a post-graduate entry position for employees undertaking, or about to undertake, the ACPSEM (Australasian College of Physical Scientists and Engineers in Medicine) Training Education and Assessment Program (TEAP) in Radiation Oncology, towards obtaining certification by the ACPSEM .

Role Specific:

- Prior to commencement/on appointment, the successful applicant is responsible for enrolling themselves into the ACPSEM TEAP training scheme for Radiation Oncology. This is a condition of employment and is necessary for the registrar to be appointed to this role. Failure to enrol will preclude employment.
- Please refer to the ACPSEM website (<http://www.acpsem.org.au>) for more information about the TEAP program. The base qualification for entry into the medical physicist's classification structure is a Bachelor of Applied Science or a Bachelor of Science with a Physics Major which is recognized by the ACPSEM.
- The following are the entry points for this position:
 - Medical Physicist Grade 1 Year 3 (Masters)
 - Medical Physicist Grade 1 Year 5 (PhD)
- The role is well suited to a self-motivated learner with an agile mindset .

The following expectations apply to be successful in the role:

- The successful person will work under immediate or general supervision as s/he progresses through training. The registrar will be encouraged to exercise individual judgment and initiative and will be given specific projects to develop confidence in clinical decision making. Skill development will lead to the registrar being able to discuss principles, techniques and methods with other specialists in an informed and knowledgeable manner. The registrar will be encouraged and supported to attend TEAP training days, conferences and other guided learning events. It is a reality of the position that study/TEAP related activities, while being supported during clinical hours, will also be required out of hours, in the applicants own time, to meet the training requirements.

Tasks will include but will not be limited to the following:

- Perform tasks in quality assurance of radiotherapy equipment and procedures according to departmental protocols
- Develop protocols and work instructions for new QA procedures in liaison with a senior physicist
- Undertake patient specific QA and QC tasks

- Maintain calibration programs for all physics instrumentation
- Actively participate in research and education programs.
- Review emerging technologies and techniques against best practice protocols and provide thoughtful opinion regarding its application within the clinic
- Work with cross disciplinary teams to bring
- Become familiar with legislation, codes of practice, safety guides and other government documentation as it pertains to the provision of patients receiving radiotherapy
- Participate in the acceptance testing and commissioning of new Radiotherapy equipment
- Complete activities specified in the TEAP CTG within agreed timeframes set by the clinical supervisor (within ACPSEM guidelines).

The incumbent may also be required to:

- Undertake research to achieve the department's clinical aims.
- Undertake shift work with other radiation oncology physics staff members. Starting times may vary between 6 am and 11 am; depending on departmental needs/new equipment commissioning etc.

All Employees:

- Comply with Austin Health [policies & procedures](#) as amended from time to time.
- Comply with the Code of Conduct and uphold our values, and diversity and inclusion commitments.
- Maintain a safe working environment for yourself, colleagues and members of the public by following organisational safety, quality & 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 centred care.
- Comply with requirements of National Safety & Quality Health Service Standards and other relevant regulatory requirements.
- Comply with Austin Health mandatory training and continuing professional development requirements.
- Work across multiple sites as per work requirements and/or directed by management.

Selection Criteria

Essential Knowledge and skills:

A commitment to Austin Health values: Integrity, Accountability, Respect and Excellence.

Essential:

1. A post-graduate qualification (M.Sc./PhD) in medical physics from a university course accredited by ACPSEM
2. Eligible to enrol in the ACPSEM ROMP TEAP training program
3. Excellent communication skills in both verbal and written formats.
4. Demonstrated abilities in the following areas
 - a. to work and communicate effectively in a multi-disciplinary team.
 - b. to complete and comprehensively document work to a high standard with emphasis on accuracy and detail.
 - c. to work according to set protocols
 - d. to prioritize workloads and work to timelines
 - e. to be self motivated and resourceful when problem solving
 - f. To take responsibility to develop skills relevant to the profession.
 - g. To respond to changing priorities.
 - h. To be punctual and have the ability to meet set deadlines for tasks and report writing
5. Demonstrated ability to
 - a. be self directing
 - b. undertake quality assurance tasks
 - c. contribute to research and development in Radiation Oncology Medical Physics.

Desirable but not essential:

6. Experience in the performance of quality assurance procedures on radiotherapy equipment.

General Information

Austin Health is a Child Safe Environment

Austin Health is committed to child safety. We want children to be safe, happy and empowered. We support and respect all children, as well as our staff and volunteers. Austin Health has zero tolerance of child abuse, and all allegations and safety concerns will be treated seriously in line with legal obligations and our policies and procedures.

Equal Opportunity Employer

We welcome applications from Aboriginal and Torres Strait Islander people. For any support throughout the recruitment process or further information about working at Austin Health, please follow this link to Aboriginal Employment on our [website](#)

Document Review Agreement

Manager Signature	
Employee Signature	
Date	2/10/2024