



Medical Radiation Sciences Radiation Therapy Clinical Practice 3

Information for Clinical Mentors

3rd March – 11th April 2025 6 weeks

This **Year 4 student** is commencing their final year of the Radiation Therapy program, progressing towards entry level practitioner. Clinical Practice 3 (CP3) placement, is the first of four (4) clinical courses that are completed during their final year.

The student has previously completed a 6-week Clinical Practice 2 (CP2) placement which concluded mid-October 2024. The previous academic theory courses, which were delivered in July/August 2024, included concepts and skills in:

- ✚ Head and Neck malignancies
- ✚ Paediatric malignancies
- ✚ Total Body Irradiation
- ✚ Cranio-spinal Irradiation
- ✚ IMRT planning
- ✚ Quality Assurance
- ✚ Image matching and set up error
- ✚ Particle therapy
- ✚ Electron treatment
- ✚ Electron planning
- ✚ Ultrasound clinical applications
- ✚ MRI clinical applications
- ✚ MRI in RT planning
- ✚ Brachytherapy applications

Prior to the CP3 clinical placement in 2025 the student has participated in a 1-week pre-clinical workshop at the university where problem solving, dosimetry planning skills were further developed and enhanced. The pre-clinical workshop covered:

- ✚ Electron setup practice on the VERT system
- ✚ Electron mark up and documentation
- ✚ Beaming on and machine interlocks/errors
- ✚ Simulated patient communication situations
- ✚ Breast planning
- ✚ Whole brain planning
- ✚ IMRT prostate planning
- ✚ Quality assurance planning concepts
- ✚ Mock clinic and intra-professional sessions with nuclear medicine students and RO registrars

Expectations of students for 6-week placement:

- The main objective of the placement is to continue to participate in radiation therapy procedures which give the student an opportunity to apply what they have learnt.
- The students are to continue to complete their planning and treatment competencies whilst on placement.
- In the student’s clinical workbook there is a clinical report to be filled in by the student reflecting on their 6 weeks of experience. Once the student has completed this reflection, the clinical report is to be completed by the **Clinical Supervisor in the clinical department** in collaboration with the mentors involved with that student during their placement.
- There is also the expectation that students will exhibit **safe practice** and **professional behaviour**.

<u>Safe practice</u>	<u>Professional behavior</u>
<ul style="list-style-type: none"> • Demonstrates awareness of manual handling principles in patient and staff safety • Demonstrates the safe application of all equipment • Is responsible for patient and personal safety • Does not put other persons in the workplace at any risk • Demonstrates an awareness of infection control practices 	<ul style="list-style-type: none"> • Clearly wears the student identification badge at all times • Wears a current Luxel at all times in accordance with the Medical Radiation Luxel policy • Is punctual at all times in accordance with the Medical Radiation attendance policy • Maintains confidentiality of staff and patient information at all times • Maintains personal hygiene and dress as stated in the Medical Radiation Uniform policy • Behaves in a professional manner to colleagues, supervisors, patients and their families at all times