



Medical Radiation Sciences

Radiation Therapy Clinical Practice 3

Information for Clinical Mentors

8th Feb – 9th April 2021

This **Year 4 student** is commencing their final year of the Radiation Therapy program, progressing towards entry level practitioner. (No SPP required). The 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 3-week Clinical Practice 2 (CP2) placement which concluded late 2020. The previous academic theory courses, which were delivered in July/August 2020, included concepts and skills in:

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

Prior to the CP3 clinical placement in 2020 the student has participated in a 4-day pre-clinical workshop at the university where problem solving, and pinnacle planning skills were further developed and enhanced. The pre-clinical workshop covered:

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| ✚ Electron setup practice on the VERT system | ✚ CBCT image matching on the VERT system |
| ✚ Electron mark up and documentation | ✚ Breast planning |
| ✚ Beaming on and machine interlocks/errors | ✚ Whole brain planning |
| ✚ Difficult treatment situations in a radiation therapy department. | ✚ IMRT prostate planning |
| ✚ Venepuncture and IV cannulation principles | ✚ Quality assurance planning concepts |
| | ✚ Lung planning |

Expectations of students for 9 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 out on placement.
- In the student's clinical workbook there is a clinical report to be filled in by the student reflecting on their 9 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> |
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| <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 |