



Medical Radiation Sciences Radiation Therapy Clinical Practice 2

Information for Clinical Mentors

10th April – 28th April 2023 (Block CP2 A)

This group of 3rd year students completed some placement in July 2022 (approx. 1 week due to Covid restrictions), and an additional 3 weeks of Clinical Practice 1 placement in December 2022 and have a total of 4 weeks experience.

The months prior to this Clinical Practice 2A placement, the students have covered the following theory:

RT Studies 3:

- Skin, Brain, GI tract, Lung, & Pancreas sites. Non-malignant conditions and care of radiation injury. Continued planning development Brain, Oesophagus, Pancreas, Lung and Breast sites. SABR and SRS techniques theory. Practical sessions: SXR land marking, calculations, cut-out manufacture and set-up; cast making for different baselines, brain and oesophagus CT simulation, treatment charts and intro to planar and volumetric image matching (Pelvis and Brain).

Following the completion of the 3-week Clinical Practice 2A placement the students will continue with the **CT & PET** theory course and the material includes:

- image evaluation, procedural protocols principles of co-registration, image quality, artefacts post processing and QA. CT/sim protocols, basic procedures and QA, image manipulation for planning prep, image fusion and contrast.

Expectations of students for the CP2a clinical placement (Total 3 weeks):

- 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.
- There is **(1) treatment competency, (1) simulation participation, (1) planning participation, (1) imaging participation** to be recorded.
- In the student's clinical workbook there are several formative reports which require the student to reflect on their week, prior to their mentor completing the assessment.
- Once the student has completed the reflection, the clinical summative 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.
- It is expected that students gain a satisfactory level of achievement (3's) for all attributes in Domain 3 and 4.2 (treatment) of the summative report. *Requires improvement to progress* (2's) is acceptable for all attributes in Domain 1, 2, and 4.2 (planning and Sim/CT). Satisfactory level of achievement for all attributes in Domain 5 and 6.
- There **is** the expectation that students will exhibit **safe practice** and **professional behaviour**.