

INTERNATIONAL UNDERGRADUATE RADIATION THERAPIST TRAINING ACADEMY (IURTTA)

Princess Margaret Cancer Centre, Toronto ON
May 12 - 16, 2025
Red Room, Rm 1B-615, Floor 1B

SESSION ITINERARY

PLEASE NOTE: Please be sure to bring along your own laptops, hand-held devices, power cords, etc. to the course.

Monday May 12th , 2025

Morning (9 am start)	<ul style="list-style-type: none"> • Welcome and Introduction: Overview of the Radiation Therapy Department and training program. • Department Tour: Explore key areas of the Radiation Therapy Department, including treatment units and technologies. • Quality and Safety: Learn about the importance of quality and safety in radiation therapy practice.
Afternoon (1 pm start)	<ul style="list-style-type: none"> • Linac Visit #1: Observe workflows, techniques, and therapists' roles in clinical areas. • Adaptive Radiation Therapy: Introduction to adaptive radiation therapy and its impact on clinical practice.

Tuesday May 13th , 2025

Morning (9 am start)	<ul style="list-style-type: none"> • Image Matching and Motion Assessment: Understand motion management in radiation therapy with a focus on respiratory motion. • Group Activities: Experience motion management devices and observe CTSIM workflow.
Afternoon (1 pm start)	<ul style="list-style-type: none"> • Group Activities: Experience motion management devices and observe CTSIM workflow. • MR Technology in Radiation Therapy: Introduction to MRI in radiation therapy for tumor and normal tissue delineation, along with MR safety.

Wednesday May 14th , 2025

Morning (9am start)	<ul style="list-style-type: none"> • AI in Radiation Therapy: Introduction to the role of AI in radiation therapy, including its applications and future directions. • Linac Visit #2: A second opportunity to observe and analyze clinical workflows.
Afternoon (1:15 pm start)	<ul style="list-style-type: none"> • Clinical Case Discussion: Explore case studies in radiation therapy, including challenges and solutions in treating various patient groups.

Thursday May 15th , 2025

Morning (9 am start)	<ul style="list-style-type: none"> • Pediatric Radiotherapy: Learn about the unique needs and treatment strategies for pediatric radiation therapy patients. • Special Techniques and Tour: Learn about Gamma Knife and Brachytherapy treatments, followed by tours and demonstrations.
Afternoon (1:15 pm start)	<ul style="list-style-type: none"> • Career Planning: Understand different career paths in radiation therapy and how to plan for career development through mentorship and professional opportunities.

Friday May 16th , 2025

Morning (9 am start)	<ul style="list-style-type: none"> • Person-Centered Care: Explore how radiation therapists can enhance patient care through effective communication and involvement of patients in their treatment.
Afternoon (1pm start)	<ul style="list-style-type: none"> • International Exchange Session: Reflect on your learning experiences and share insights with peers. • Evaluation and Wrap-Up: Conclude the program with feedback and closing discussions.