

Training & Education Solutions

Skills Circle - your all inclusive training program

Cincinnati Children's Hospital Proton Therapy Center:

Clinical Observation for Physicists

Classroom Training

Technical Training

On-Site Training

Clinical School

Varian has a successful history of transferring the necessary knowledge to customers to ensure high quality treatments to the patients they serve.

Varian's experience in customer training is unmatched by any other vendor in radiation oncology. Every year we provide training to thousands of healthcare providers at customers' treatment centers and at key Varian education centers located worldwide. Varian employs clinical product experts who have extensive clinical expertise and a history of implementing new cancer facilities. Varian has also successfully developed clinical training schools at customer facilities that have given us the experience to establish similar clinical training schools for proton therapy.

Venue

Cincinnati Children's Hospital Medical Center
Cincinnati, OH

Duration

5 days

Target audience

MS, PhD, DMP, or equivalent Medical Physicists

Prerequisites

Working knowledge of Eclipse proton operations

Instructors

Medical Physicists who are experts in Proton Therapy use.

Aim

Clinical Observation Training for Physicists is offered to medical physicists, who intend to commission or operate a proton therapy center. After one week, the physicists attendees will have high-level overview

of proton therapy facility operations and start-up, having shadowed core areas of the facility, such as quality assurance, machine operation, detector use, radiation therapy, treatment planning and workflow. The observational training is structured as a job shadowing program with access to key members of the proton therapy facility for instruction, shadowing and Q&A.

Program

This is a multidisciplinary training course designed to expose attendees to the operational and clinical realities of the medical physics group at a proton therapy center. The overall course covers the pertinent topics related to opening and operating a proton therapy center. The course can be viewed through four modules: opening & initial ramp-up, clinical operations, treatment planning, and quality management program. The opening and initial ramp-up module is a demonstration and discussion of our commissioning and ramp-up plan, allowing attendees to grasp fundamentals of opening a proton therapy center. The clinical operations module gives the attendee exposure to workflow in ARIA® oncology information system for radiation oncology and ProBeam operation for daily treatments, from the simple to most complex treatments. The treatment planning module, as a core function within CCHMC's medical physics, exposes the attendee to basics of pencil beam scanning planning and its workflow. Finally, the quality management program module outlines and demonstrates our methods for maintaining high quality and efficiency

Course Language

English

Medical Advice Disclaimer

Varian as a medical device manufacturer cannot and does not recommend specific treatment approaches. Individual treatment results may vary.

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