Venue
Varian reference centres

Duration
3 days

Target audience
The course is designed for Medical Physicists, Clinicians and Radiographers responsible for the clinical implementation of Image Guided Radiation Therapy, including Gating.

Prerequisites
The attendees must have a comprehensive knowledge of the treatment delivery process, including the use of TrueBeam™ or Clinac. The TrueBeam or On-Board Imager® (OBI) and RPM respiratory Gating System must be installed at the customer’s site prior to attending the clinical school. It is recommended that a physician, a physicist and a radiographer attend the course together.

Instructors
Experienced Radiation Oncologists, Medical Physicists and Radiographers from the hosting centres, as well as support from an Applications Specialist from Varian Medical Systems.

Aim
Image Guided Radiation Therapy provides new tools for external therapy treatments. TrueBeam or the On-Board Imager® and the RPM™ Respiratory Gating System are essential components. The school provides a general overview, clinical workflows and use of the imaging and gating systems, covering all different modes of operation. The focus of the course is on clinical cases, where IGRT provides a clinical benefit for the patient. Clinical use of the Varian gating systems at the CT scanner and/or simulator and linear accelerator is included as part of the course. The school also provides practical hands-on training using the latest models of TrueBeam, Clinac®, OBI, Varian Gating systems, Eclipse™ TPS and ARIA™ Oncology Information System.

Program
• Overview of IGRT and Varian Gating Systems
• Clinical rationale for IGRT (2D, 3D & 4D use cases)
• Overview of the clinical workflow and practical considerations in IGRT and RGRT
• Varian Gating Systems
• Hands-on experience with using TrueBeam / OBI and Gating
• Quality Assurance considerations
• Discussion of Adaptive Radiation Therapy using CBCT

Course Language
English

For further information please contact your local office.

EMEA Course Information can be found on www.varian.com/emea-trainings