Portal Dosimetry

Duration
Dependent on the system configuration and the modules purchased (up to 2 days).

Target audience
Medical Physicists, Dosimetrists responsible for the Quality Assurance and verification of intensity modulated treatment plans. Recommended Group size: Up to 6 people.

Prerequisites
The attendees must have a working knowledge of Intensity Modulated Radiotherapy (IMRT) treatment planning using Eclipse and TrueBeam or Clinac delivery system.

Aim
To ensure the accurate implementation of the portal dosimetry process into the routine IMRT workflow. The participants will obtain an in depth understanding of the process from IMRT plan creation to eventual evaluation of the predicted and acquired dosimetric images. After completion of the course the users will be competent and confident in using the portal dosimetry process for fast, safe and efficient verification of IMRT treatment plans.

Program
• Calibration of the electronic portal imaging device for dosimetric imaging.
• Configuration of the Portal Dose Calculation (PDC) algorithm in Eclipse beam configuration.
• Comparison and evaluation of the predicted and acquired dosimetric images.
• Practical scenarios demonstrating the portal dosimetry workflow process: From plan creation through to dose evaluation.

For further information please contact your local office.

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