**Venue**
Varian reference centers

**Duration**
4.5 days

**Target audience**
Medical Physicists who are responsible for the linear accelerators commissioning in their department.

**Prerequisites**
The attendees should have a profound knowledge of medical physics and a basic understanding of linear accelerator dosimetry.

**Instructors**
Experienced Medical Physicists of the hosting hospital who are experts in the linac commissioning process.

**Aim**
Based on practical approach, the course aims to give to attendees information on commissioning of a photon beam from a linear accelerator, in terms of beam dosimetry, measurements for dose calculation algorithm implementation and its configuration in the Eclipse treatment planning system. The participants will have multiple hands on sessions to practice the key elements of a linac commissioning phase.

**Program**
- Linear accelerator commissioning principles
- Dosimetric systems and detectors
- Relative dosimetry: scanning and point data measurements with measurement session
- Static MLC and EDW commissioning with measurement session
- Absolute dosimetry (based on IAEA 398 protocol) with measurement session
- AAA / AcurosXB: beam configuration of source model with practical session
- Linear accelerator quality assurance program
- Outlook to non-standard beams and advanced techniques: small fields, FFF, IMRT, VMAT

**Course Language**
English

For further information please contact your local office.

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