**CS506EU-Varian Applied Physics: Advanced RapidArc® Planning**

**Venue**
Varian reference centers

**Duration**
4.5 days

**Target audience**
Medical Physicist and Dosimetrists who are involved in treatment planning with RapidArc technology.

**Prerequisites**
The attendees should have knowledge of Eclipse planning and RapidArc technology.

**Instructors**
Experienced Medical Physicists of the hosting hospital who are experts in advanced RapidArc planning.

**Aim**
Based on practical aspects with extensive planning sessions, the course aims to give to attendees the instruments to approach and plan complex cases with RapidArc technologies. Some of the clinical cases that will be covered with theoretical and practical activities are: whole brain and multiple metastases in a simultaneous integrated boost approach, breast (uni- and bi-lateral) with simultaneous integrated boost, cranio-spinal irradiation for, e.g., medulloblastoma and other complex cases. The participants will also have sessions on patient-specific pre-treatment quality assurance with two different approaches.

**Program**
- Multiple brain metastases, with or without whole brain irradiation in SIB, with or without hippocampal sparing.
- Breast, uni- and bi-lateral, with or without nodal irradiation, SIB.
- Cranio-spinal axis irradiation.
- Other cases presenting different complexities: Head & Neck with SIB, SBRT on lung lesions.
- For each clinical case:
  - theoretical background for advanced planning approach
  - tolerance levels for organs at risk
  - fractionation considerations
  - planning following guidelines for deep understanding of the technology applied to the specific case
- Patient specific pre-treatment quality assurance.

**Course Language**
English

For further information please contact your local office.

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