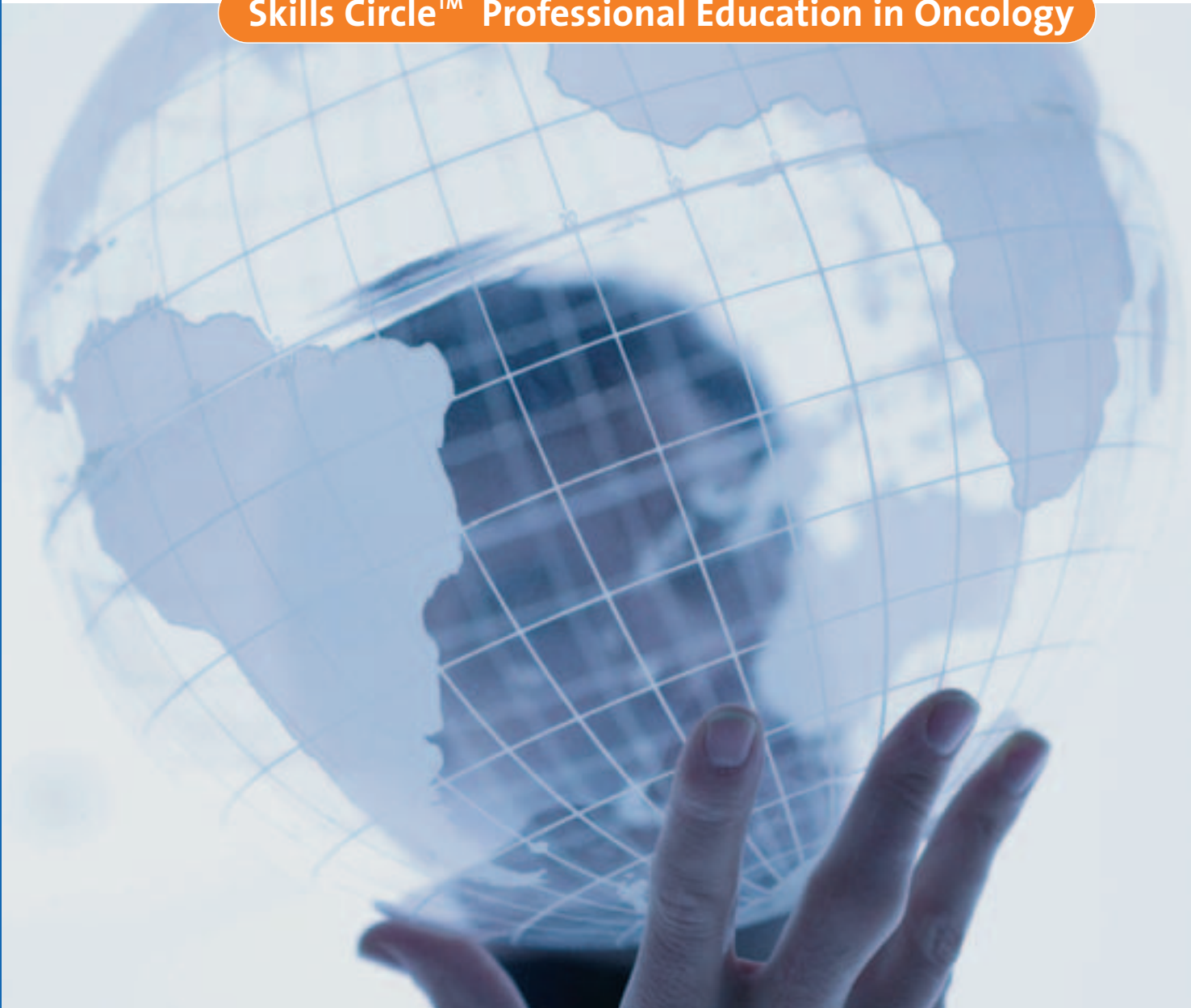


Skills Circle™ Professional Education in Oncology



Customer Support International

Comprehensive assistance for a complex world.

Varian innovation and leadership in cancer care...

Varian Medical Systems is the world's leading manufacturer of integrated cancer therapy systems. Since our beginning over 50 years ago, more than 5,000 Varian Clinac medical linear accelerators, Acuity and Ximatron simulators systems have been placed into service around the world. We are consistently rated the industry leader for advanced technology, reliability and service performance.

How do we achieve this level of performance and reliability?

Customer Support Service: Evolution with a purpose...

Varian has continued to create superior accelerator, imaging, and integrated software technology while maintaining the highest standards of quality. Our Customer Support team is built on a bedrock of service innovation and our staff has years of experience dedicated to supporting our products.

By continually improving our Customer Support services, we ensure that Varian accomplishes its mission to equip the medical community with the best, most innovative technology for curing cancer.

Varian's top-of-the-line Trilogy Clinac featuring the new On-Board Imager, Millennium 120-leaf MLC, PortalVision aS1000 – Full 3D-CRT, IMRT, IGRT and SRS/SRT functionality with ARIA and Eclipse.



World Class Products

Our fully integrated oncology environment is featuring the Clinac linear accelerator, Millennium MLC, PortalVision, On-Board Imager, Acuity Simulator with Cone Beam CT, Eclipse Helios Treatment Planning System, the ARIA Oncology Information System and other components. These fully integrated products give your department the capability to deliver the most sophisticated treatment techniques including 3-D Conformal Radiotherapy (3D-CRT), SmartBeam Intensity Modulated Radiotherapy (IMRT), Dynamic Targeting Image Guided Radiotherapy (IGRT), Stereotactic Radiotherapy and Radiosurgery (SRT/SRS), and Dynamic Adaptive Radiotherapy (DART).



New Challenges...

Cancer treatment becomes more complex every day. To offer the latest in cancer therapy to your patients, your system must remain current and both your clinical and technical staff require continuing training to stay abreast of evolving technology. Varian is leading the way with innovative technology; this requires a greater depth of knowledge of accelerator, imaging, and computer systems than in years past.

...lead to New Solutions

Varian understands the complexities inherent in these challenges, and offers a full range of technical services and applications support to help you and your department grow with the technology. Varian Customer Support is there to provide you with professional expertise and to work side by side with your in-house support staff to meet this challenge.



Clinac 23EX with On-Board Imager – Stop-action photo of kV Cone Beam CT image acquisition illustrates the depth of our technology



At Varian we pride ourselves on providing efficient and effective customer service. The world of Radiotherapy is continually evolving and extending. Due to this, you, our customers are demanding ever greater efficiencies which can be achieved by improving performance throughout the workforce.

This is done by improving the efficiency of the department through training and support. We have a team of dedicated support specialists providing varied levels and techniques of support and training.



The support team understands your needs and requirements offering you the right training at the right place and at the right time. Varian provides you with an innovative blended training solution, including classroom training, on-site training, e-learning and distance learning. By using these optimum learning methods we aim to equip you with the right skills to do your job efficiently and provide an effective service to the community.



Expert Applications Support

Our applications specialists, based throughout Europe, provide on-site training in your department as part of a new equipment delivery. Introductory or refresher training can be added to an annual support plan for additional staff, or following upgrades to your equipment. A typical training session consists of hands-on practice with interactivity and instruction from the Varian trainer. Through this training you are able to gain the experience and confidence to use the products safely and correctly.

The Applications team are trained to introduce new IMRT and IGRT techniques, as well as various other new technologies to your staff. This gives each member of staff the ability to maximize the benefits of our technology as it is rolled out.

These specialists improve the efficiency of your staff through advanced and clinical implementation.

VARIAN
medical systems

On-Site Training Skills Circle
Classroom Training
Clinical Training
Technical Training

On-Board Imager

Part no.
E21U 002 005 000

Duration
3 days plus 1 day clinical support

Target audience
Medical Physicists, Radiation Therapists/Radiographers and Radiation Oncologists who are involved in the use of the On-Board Imager® (OBI).

Prerequisites
The attendees must have a comprehensive knowledge of the treatment delivery process including the use of the Clinic. We recommend having a patient phantom available for image acquisitions and a set of CT images previously acquired from this phantom.

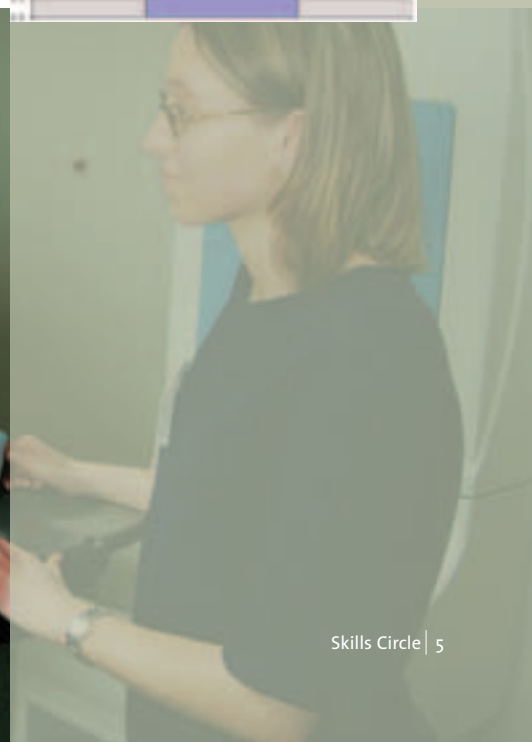
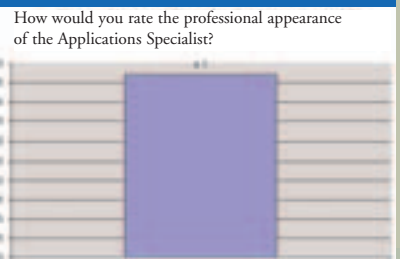
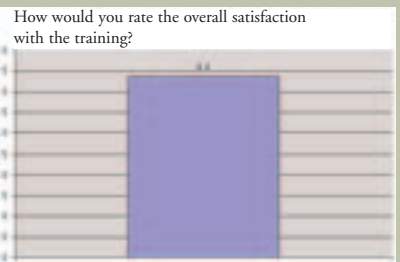
Aim
The participants will learn the use of different automatic techniques to implement Image Guided Radiotherapy (IGRT). The use of these techniques will make the patient position verification more efficient, the treatment delivery more accurate therefore allowing a greater confidence in tumor targeting.

Program
Perform and learn basic Quality Assurance procedures to ensure consistent image quality.
Demonstration and practical sessions on 2 dimensional (2D) and 3D image acquisition and image matching.
Performing and time patient positioning using image match results.
Handling of the acquired 3D image set for post treatment registration and planning in order to adapt treatment delivery on a day-to-day basis.

For further information please contact your local office.

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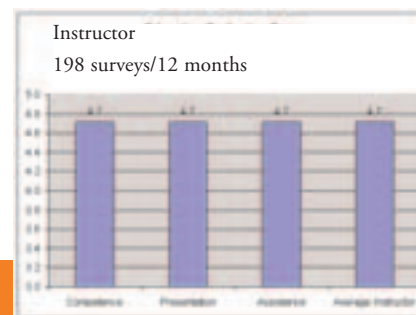
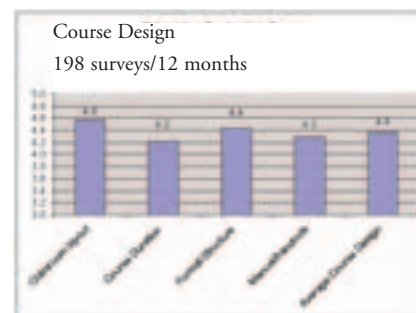
Based on on-site training survey

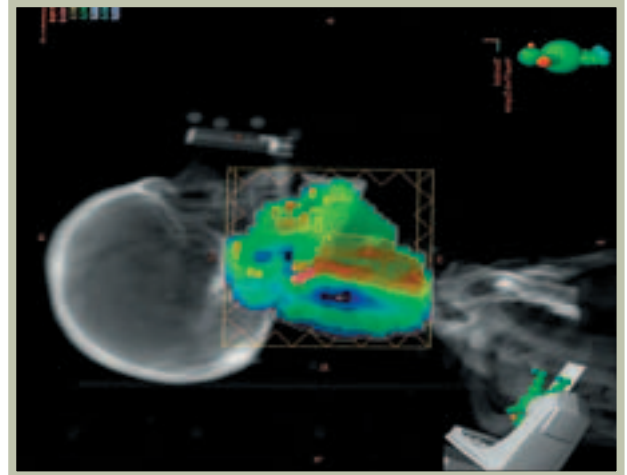


Education Courses

Varian offers customer training classes at our Training facilities in Zug, Switzerland and Las Vegas, USA. These all-encompassing, easy to follow courses provide a streamlined, organised approach to training in an effective learning environment.

Clinical IMRT, Gating and IGRT training courses are held at various customer treatment centres in Europe. These clinical courses provide step by step guidelines into the implementation of new technologies and give the user the ability to strengthen their knowledge and understanding.







Solutions for the Present and the Future

The continuous evolution and dynamic nature of radiotherapy and its technology means that your needs are constantly changing. In order to keep abreast with these ever-changing needs, we are constantly reviewing and enhancing our training approach. We understand the challenges faced by our customers and are proud to offer an all-inclusive training solution to meet the needs of today's increasingly demanding Radiotherapy Departments.

Through the use of a customized Education Plan we offer a managed training solution tailored to the needs of individual departments. You benefit from a comprehensive training programme aligned specifically to the needs of your department. The education plan will be objective and process driven by your all-encompassing needs, as opposed to individual systems and products. A training needs analysis is conducted and the best possible training solution is delivered. A variety of training techniques will be incorporated: On-site, classroom, clinical, technical and remote training. The Education Plan life cycle is managed from start to closure.

Through our Education Plan you will gain the best possible development for your staff and department. We aim to give you the right plan for the right results.





IMRT School

Part no.
EETU-054 003 010

Venues

- University Hospital Charité, Klinik für Strahlentherapie, Campus Mitte Schumannstrasse 20-21, 10117 Berlin, Germany
- Centre Georges Frenant-Lachry, Rue de Professor Maiton, 21079 Dijon, France

How to reach these centres? See reverse page.

Dates 2007

■	March	13-16	Dijon
■	April	17-20	Berlin
■	May	22-25	Berlin
■	October	02-05	Dijon
■	October	23-26	Berlin
■	November	27-30	Berlin

Duration

The IMRT School is structured in two main sections, a radiation oncologist and a medical physicist part, is completed as a four (4) day course, where the oncologist attends the first 2 days and the physicist attends the full 4 day class.

The course for the oncologist group starts Tuesday morning at 09.00 h and concludes Wednesday evening at 18.00 h. The course for the physicist group starts Tuesday morning at 09.00 h and concludes Friday afternoon at 15.00 h.

Please pay attention to consider enough transfer time on Wednesday (only Friday from course location to the airport (especially in Dijon), to ensure completion of the training.

Target audience

The IMRT School is designed for radiation oncologists, medical physicists and assistants responsible for the clinical and technical implementation of a dynamic IMRT (Intensity Modulated Radiation Therapy) program at their institution.

Prerequisites

Participants shall be familiar with the operation of the Varian Eclipse treatment planning system. It is supported by Varian that a physician and a physicist attend the course together.

Instructors

Experienced radiation oncologists and medical physicists of the hosting centers as well as a physicist of Varian Medical Systems.

Examiners: The course is held in Varian Simulation Rooms. IMRT produces suite featuring the Eclipse Helios inverse treatment planning system, the "CineCast" with dynamic MLC (dMLC) capability and the PortalVision system.

Aim

Purpose of the course is on clinical cases and participants will be able to create inverse optimized IMRT plans for different anatomical sites. Further they learn the different IMRT QA procedures such as Portal- and Film-Examination. The course is held in Varian Simulation Rooms.

Program

The school provides a general overview of the IMRT process and proceeds to more and more specialized themes and topics.

- The clinical IMRT process
- Quality Assurance (QA) concepts for IMRT
- Overview of the Eclipse Helios inverse treatment planning system
- Dynamic MLC (dMLC)
- Inverse planning algorithms
- Leaf motion calculator (LMC)
- Medical aspects of IMRT (anatomical sites include head & neck, prostate, etc.)
- Practical related Quality Assurance procedures

Course Language
English

For further information please contact your local office.

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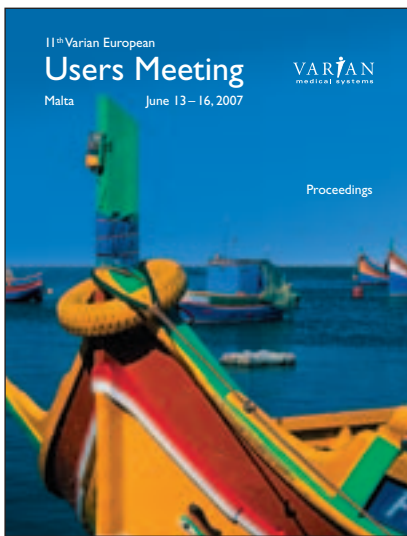


Remote Training Solutions

We provide a remote training solution to help our customers meet their ongoing training needs. This is done with the use of various on-line and media course materials. This learning method provides a flexible training solution enabling you to control the pace of the training, thereby increasing your level of understanding. This is an effective provider of refresher training, making a valuable and essential contribution to the ongoing professional development of your staff.

Our telephone and on-line support means that help is just a phone call or e-mail away. The Customer Support Centre staff are available to assist you with support for all products.





Continuous Education

Continuous education is a key factor in Varian's Education Plan. We understand the task faced by our customers to maintain a stable working environment with regards to resources, staff and knowledge.

To overcome these challenges Varian offers additional training and support. The aim is to keep staff up to date with the latest technological advances and ensure a sustainable high level of technical knowledge while continually enhancing skill sets. Each customer site is treated on a case-by-case basis.

Our Application specialists are trained to identify all areas where efficiency may be enhanced by furthering the appropriate skill sets.

Through continuous education we aim to fully exploit all technological potential thereby maximizing your return on investment and increasing profitability.





Training Contracts

Varian training contracts enable our customers to plan and prioritise their training allowing for reliable fiscal budgeting and reducing surprise expenses. These programmes run in parallel with the unique and comprehensive support plans tailored to the individual department needs. This provides continued staff development, refresher training and support, enabling our clients to attain optimum levels of efficiency and professionalism. Through a training contract the customer is able to take advantage of continuous education independent of a service contract.

This creates an open channel between Varian and our clients delivering a continued stream of training and support on all Varian products. Our personalised support programmes enable our clients to keep pace with feature improvements and enhanced functionalities with an emphasis on on-site, classroom and remote training provided by highly experienced applications specialists. These services are backed up by the Varian Help Desk to deal with any follow-up queries on the full suite of products.

At Varian we believe that delivering superior products alone is not enough to maximize a department's productivity, which is why we place enormous emphasis on pioneering training and development services.

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