IMAGE-GUIDED RADIOTHERAPY IN CLINICAL PRACTICE
10 - 14 May 2015 | Prague, Czech Republic

COURSE DIRECTORS
Coen Rasch (NL)
Marianne Aznar (DK)

TEACHERS
Gilles Crehange (FR)
Rianne de Jong (NL)
Matthias Guckenberger (DE)
Helen McNair (UK)
Uwe Oelfke (UK)
Jan-Jacob Sonke (NL)
Marcel van Herk (NL)

LOCAL ORGANISER
Hana Stankusova

PROJECT MANAGER
Laura La Porta

TARGET GROUP
The course is aimed at all professionals in the field of radiation oncology that are involved in target localisation at any point in the treatment chain, this includes radiation oncologists, radiation physicists, and radiation technologists. A good understanding of issues related to target delineation, target localisation and patient set-up is a prerequisite as well as some experience in the field. As the emphasis will be on integration of IGRT techniques and practical implementation, the “team effort” is important and simultaneous participation of physicists, radiation oncologists and radiation technologists is strongly encouraged.

COURSE AIM
• To cover both theoretical and practical aspects related to the clinical implementation of in-room imaging and plan adaptation in radiotherapy
• To review imaging techniques that can be applied in the workflow of conformal radiotherapy and understand how individual links in the chain of events will influence clinical outcome (from treatment prescription to preparation & planning, to patient set-up & verification)
• To identify potential sources of errors in target delineation/localisation and how IGRT can be of help, with special emphasis on conformal radiotherapy, intensity modulated radiotherapy, adaptive radiotherapy and management of organ motion
• To understand the concept “target delineation – target localisation” at each particular step in the treatment chain and identify appropriate techniques to increase both efficiency as well as efficacy
• To offer an overview of available technologies and how to integrate these in clinical practice
• To compare available strategies and help define applicability for particular use.
• To understand the functionality of the equipment and technology, and identify limitations of a particular method

LEARNING OUTCOMES
By the end of this course participants should be able to:
• Understand the principles of Image Guided Radiotherapy
• Be able to implement image guidance for major patient groups in their home clinic
• Understand the relevant choices for the selection of the best image guidance protocol for their home situation
• Know the potential benefits of various image guidance and ART protocols.

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COURSE CONTENT
This is a 4.5 day course organized to identify the influence of image guidance at important steps in the workflow of radiotherapy. The following items will be covered in view of in-room imaging for therapy guidance:
• Image guidance required for treatment prescription
• Image guidance in treatment preparation and treatment planning
• Image guidance in patient set-up and target localisation during treatment
• Image guidance in treatment follow-up.

PREREQUISITES
Before commencing this course participants should:
• Have good understanding of issues related to target delineation, target localisation and patient set-up
• Have some experience in the field.

TEACHING METHODS
• Lectures and workshops
• Regular breakout sessions for MD’s, Physicists and RTT’s
• 23 hours lectures
• 3 hours tutorials
• 4 hours case discussions / exercise

METHODS OF ASSESSMENT
• MCQ
• Evaluation form

KEY WORDS
Image guidance, adaptive radiotherapy.

WORKING SCHEDULE
The course starts on Sunday 10 May 2015 at 13:00 and ends on Thursday 14 May 2015 at 12:30.
To be able to start on time, participants are encouraged to register on Sunday from 9h30 to 11h00.

LANGUAGE
The course is conducted in English. No simultaneous translation will be provided.
PRACTICAL ORGANISATION

COURSE ORGANISATION
For any further information please contact ESTRO:
Laura La Porta
E-mail: llaporta@estro.org
Tel : +32 2 761 06 54
Fax : +32 2 779 54 94

COURSE VENUE
Novotel Praha Wenceslas Square
Kateřinská 38,120 00 Prague 2, Czech Republic

LOCAL ORGANISER
Hana Stankusova
University Hospital Motol, Prague
Hana.Stankusova@fnmotol.cz

TECHNICAL EXHIBITION
Companies interested in exhibition opportunities during this teaching course should contact ESTRO:
Laura La Porta
E-mail: llaporta@estro.org
Tel : +32 2 761 06 54
Fax : +32 2 779 54 94

ACCOMMODATION
To book your room, please download the accommodation form from the ESTRO website: www.estro.org/school

PARTICIPANTS SHOULD REGISTER ONLINE AT: WWW.ESTRO.ORG/SCHOOL

These pages offer the guarantee of secured online payments. The system will seamlessly redirect you to the secured website of OGONE (see www.ogone.be for more details) to settle your registration fee.

If online registration is not possible please contact us:
ESTRO OFFICE
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Tel.: +32 2 775 93 39 • Fax: +32 2 779 54 94
E-mail: education@estro.org

REGISTRATION FEES
Please check the early deadline date on our website

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<th>EARLY FEE</th>
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*Radiation Therapist (RTT) members are eligible for the in-training fee

The fee includes the course material, coffees, lunches, and the social event.

Reduced fees are available for ESTRO members working in economically less competitive countries. Check the eligible countries and the selection criteria on the website of the ESTRO School.

ESTRO goes green: Please note that the course material will be available online. No course book will be provided during the courses.

ADVANCE REGISTRATION AND PAYMENT ARE REQUIRED. ON-SITE REGISTRATION WILL NOT BE AVAILABLE.

Since the number of participants is limited, late registrants are advised to contact the ESTRO office before payment, to inquire about availability of places. Access to homework and/or course material will become available upon receipt of full payment.

INSURANCE AND CANCELLATION
The organiser does not accept liability for individual medical, travel or personal insurance. Participants are strongly advised to take out their own personal insurance policies.

In case an unforeseen event would force ESTRO to cancel the meeting, the Society will reimburse the full registration fees to the participants, ESTRO will not be responsible for the refund of travel and accommodation costs.

In case of cancellation, full refund of the registration fee minus 15% for administrative costs may be obtained up to three months before the course and 50% of the fee up to one month before the course. No refund will be made if the cancellation request is postmarked less than one month before the start of the course.