

2016 ESTRO SCHOOL LIVE COURSE



BASIC TREATMENT PLANNING

9 - 13 September 2016 | Cambridge, UK



 RADIOTHERAPY
TREATMENT PLANNING
AND DELIVERY

WHO? 

COURSE DIRECTOR

David Sjöström (DK)

TEACHERS

Steve Buckney (IE)
Charles Gillham (IE)
Martijn Kamphuis (NL)
Ingrid Kristensen (SE)
Paul Kelly (IE)

LOCAL ORGANISER

Neil Burnet

PROJECT MANAGER

Melissa Vanderijst

TARGET GROUP

Radiation therapists (RTTs) with little or no experience of organ at risk delineation and 3D conformal treatment planning. The course is also suitable for other radiation healthcare professionals (trainee radiation oncologists and trainee radiation physicists) who wish to improve their organ at risk delineation and basic treatment planning skills.

COURSE AIM

- To provide education in organ at risk delineation and treatment planning, for designated sites, as an integral part of the pre-treatment preparation of patients
- To learn basic computer planning methodology, as well as the principles of organ at risk delineation, verification and how to evaluate and improve treatment plans
- To give the participants the opportunity to gain practical experience of producing and evaluating treatment plans using a 3D computer planning system under the guidance of the faculty and through peer exchange
- To provide a forum for participants to gain and exchange knowledge on treatment planning practices and standards throughout the radiotherapy community.

LEARNING OUTCOMES

By the end of this course participants should be able to:

- Understand the physical concepts underpinning 3D conformal treatment planning
- Delineate organs at risk in pelvis and thorax
- Prepare, discuss and evaluate 3D conformal treatment plans for different palliative sites as well as for prostate, breast and lung cancer
- Discuss verification strategies for the designated sites.

COURSE CONTENT

- Introduction to treatment planning process
- Clinical overview of designated sites
- Delineation for 3D conformal treatment planning
- The process of treatment plan evaluation including the tools available
- Imaging and verification in planning process
- Practical laboratory planning sessions on designated clinical sites
- Group feedback on plan evaluation and improvement as well.

TP SYSTEMS

Monaco, Oncentra External Beam, Pinnacle³, Eclipse, RayStation.

PREREQUISITES

Before commencing this course participants should be able to provide:

- General information regarding delineation, treatment planning, treatment and verification from their individual departments.
- More specific details of e.g. dose volume constraints, treatment planning technique for the designated sites from their

individual department as part of the interactive approach.

TEACHING METHODS

- 13 hours of lectures
- 3 hours of contouring
- 9 hours of treatment planning workshops
- 4 hours of case discussions.

The course consists of didactic lectures, interactive sessions and practical treatment planning sessions. Introductory lectures will be given on specified sites and participants will then discuss, plan and review practical clinical scenarios. On the designated sites participants will delineate organs at risk and subsequently complete a range of 3D plans for presentation and discussion. This will facilitate a greater depth of understanding of both the planning and evaluation processes. Participants will be asked to provide details of clinical organ at risk delineation and treatment planning solutions from their individual departments as part of the interactive approach.

METHODS OF ASSESSMENT

- MCQ
- Delineation exercise
- Evaluation form.

KEY WORDS

Basic, treatment planning, delineation, 3DCRT, practical sessions.

WORKING SCHEDULE

The course starts on 9 September at 08:30 and ends on 13 September at 13:00.

LANGUAGE

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

PRACTICAL ORGANISATION

Course organisation

For any further information please contact ESTRO:
Melissa Vanderijst
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Tel : +32 2 775 93 31
Fax : +32 2 779 54 94

Course venue

Corpus Christi College
Trumpington St
Cambridge CB2 1RH
United Kingdom

Local organiser

Neil Burnet
Radiation Oncologist
Cambridge University - Addenbrooke's
Hospital
Cambridge, UK

Technical exhibition

Companies interested in exhibition opportunities during this teaching course should contact ESTRO:
Melissa Vanderijst
E-mail: mvanderijst@estro.org
Tel : +32 2 775 93 31
Fax : +32 2 779 54 94

Accommodation

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

This course is using the FALCON platform (Fellowship in Anatomic deLineation and CONtouring) for the contouring exercises



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:

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E-mail: education@estro.org

REGISTRATION FEES

Please check the early deadline date on our website

	EARLY FEE	LATE FEE
In-training members*	450 €	625 €
Members	600 €	725 €
Non members	750 €	850 €

*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.