EVIDENCE BASED RADIATION ONCOLOGY
A CLINICAL REFRESHER COURSE WITH A METHODOLOGICAL BASIS
21 - 25 June 2015 | Moscow, Russia

COURSE DIRECTOR
Christopher Cottrill (UK)

TEACHERS
Bernard Dubray (FR)
Johannes Kaanders (NL)
Elzbieta Senkus-Konefka (PL)
Li Tee Tan (UK)
Yvette van der Linden (NL)

LOCAL ORGANISER
Sergey Tkachev

PROJECT MANAGER
Miika Palmu

TARGET GROUP
This basic course is aimed primarily at trainee radiation oncologists and experienced radiation oncologists who want an update of their clinical knowledge.

COURSE AIM
In this course, the state of the art of treatment with radiation oncology of major tumour sites (breast, upper GI, prostate, rectum, lung, head and neck, cervix) and palliation will be discussed on basis of the evidence.

The format of the course will be a combination of lectures and case discussions. As an introduction to each tumour site, the participants have to discuss a cancer case in small groups, that will be further discussed in plenary session. In addition, the methodology of clinical research will be explained to understand how evidence based medicine is developed. Finally, basic scientific skills, e.g. critical reading, writing and basic statistics are part of the course-program.

LEARNING OUTCOMES
By the end of this course participants should be able to:
- Define the hierarchy of evidence and use
- Identify the evidence based radiation therapy treatment protocols.
- Identify areas of uncertainty in daily radiotherapy practice
- Describe the statistical basis for the design of clinical trials and critically appraise the published literature
- Identify those aspects of current radiotherapy practice which are supported by the highest levels of evidence and those which are not
- Outline the evidence supporting the use of altered fractionation regimens and combined-modality treatment
- Critically evaluate an oral or written scientific presentation.

COURSE CONTENT
- General introduction to evidence-based medicine, objectives of treatment
- Imaging, target volume, fractionation, combined modalities
- How to interpret clinical data and trials, meta-analysis, statistics
- Prostate cancer
- Lung cancer
- Rectal cancer
- Head and neck cancer
- Palliation
- Gynaecological cancer
- Breast cancer
- Upper GI

PREREQUISITES
Before commencing this course you should:
- Review your institution’s radiotherapy treatment protocols in those areas covered by this course and be prepared to apply and discuss these in case discussions.
- Try to distinguish those areas of your practice that can be justified by the available evidence from those where the evidence-basis is uncertain.
- Be prepared to ask questions and contribute to discussions.

TEACHING METHODS
- 34 hours of lectures
- 7 hours of practical workshops in small groups
- 7 hours of case-based discussions

The faculty will present a summary of the available evidence underlying current radiotherapy practice in the major treatment sites and identify and discuss those areas of practice for which the evidence remains limited. The application scientific evidence to clinical practice will be illustrated through the use of case-based discussions in which participants will be encouraged to discuss and present practical solutions to clinical scenarios.

METHODS OF ASSESSMENT
- MCQ
- Evaluation form

KEY WORDS

WORKING SCHEDULE
The course starts on Sunday 21 June 2015 at 09:00 and ends on Thursday 25 June 2015.

LANGUAGE
The course is conducted in English. Simultaneous translation into Russian will be provided.
PRACTICAL ORGANISATION

COURSE ORGANISATION
For any further information please contact ESTRO:
Miika Palmu
E-mail: mpalmu@estro.org
Tel.: +32 2 775 93 48
Fax.: +32 2 779 54 94

COURSE VENUE
N.N. Blokhin Cancer Research Center
Russian Academy of Medical Sciences
24, Kashirskoe Shosse, Moscow
115478, Russia
www.ronc.ru

LOCAL ORGANISER
Prof. Dr. Sergey Tkachev
Radiologist
N.N. Blokhin Cancer Research Center
Russian Academy of Medical Sciences
Russian Federation

TECHNICAL EXHIBITION
Companies interested in exhibition opportunities during this teaching course should contact ESTRO:
Miika Palmu
E-mail: mpalmu@estro.org
Tel.: +32 2 775 93 48
Fax.: +32 2 779 54 94

ACCOMMODATION
To book your room, please check 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
Rue Martin V, 40 • B-1200 Brussels
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

<table>
<thead>
<tr>
<th></th>
<th>EARLY FEE</th>
<th>LATE FEE</th>
</tr>
</thead>
<tbody>
<tr>
<td>In-training members*</td>
<td>450 €</td>
<td>625 €</td>
</tr>
<tr>
<td>Members</td>
<td>600 €</td>
<td>725 €</td>
</tr>
<tr>
<td>Non members</td>
<td>750 €</td>
<td>850 €</td>
</tr>
</tbody>
</table>

*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 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.