

**ADVANCED SKILLS FOR  
TREATMENT DELIVERY**

09-12 February 2014  
Amsterdam, the Netherlands



**MULTIDISCIPLINARY TEACHING  
COURSE ON PROSTATE CANCER**

23-27 February 2014  
Amsterdam, the Netherlands

**CLINICAL PARTICLE THERAPY**

23-27 February 2014 | Nice, France

**UNDERSTANDING AND  
MANAGEMENT OF MORBIDITY**

Postponed to 2015



**ADVANCED TECHNOLOGIES**

07-11 March 2014 | Amman, Jordan



**MODERN BRACHYTHERAPY  
TECHNIQUES**

09-12 March 2014 | Gdansk, Poland

**DOSE MODELLING AND  
VERIFICATION FOR EXTERNAL  
BEAM RADIOTHERAPY**

09-13 March 2014 | Prague, Czech Republic

**ESTRO 33  
PRE-MEETING COURSES**

04 April 2014 | Vienna, Austria

**PHYSICS FOR MODERN  
RADIOTHERAPY**

A JOINT COURSE FOR CLINICIANS AND  
PHYSICISTS

04-08 May 2014 | Madrid, Spain

**EVIDENCE AND NEW  
CHALLENGES IN RECTAL CANCER**

08-11 May 2014 | Prague, Czech Republic

**TARGET VOLUME  
DETERMINATION - FROM  
IMAGING TO MARGINS**

16-18 May 2014 | Tokyo, Japan



**ADVANCED BRACHYTHERAPY  
PHYSICS**

18-21 May 2014 | Brussels, Belgium



**BASIC CLINICAL RADIOBIOLOGY**

25-29 May 2014 | Istanbul, Turkey

**EANM/ESTRO EDUCATIONAL  
SEMINAR**

POSITRON EMISSION TOMOGRAPHY (PET)  
IN RADIATION ONCOLOGY

30-31 May 2014 | Brussels, Belgium

**IMRT AND OTHER CONFORMAL  
TECHNIQUES IN PRACTICE**

08-12 June 2014 | Torino, Italy

**COMBINED DRUG-RADIATION  
TREATMENT: BIOLOGICAL BASIS,  
CURRENT APPLICATIONS AND  
PERSPECTIVES**

09-12 June 2014 | St. Petersburg, Russia

**BRACHYTHERAPY FOR PROSTATE  
CANCER**

19-21 June 2014  
Dublin, Republic of Ireland

**COMPREHENSIVE QUALITY  
MANAGEMENT IN RADIOTHERAPY  
PART I - RISK MANAGEMENT & PATIENT  
SAFETY**

26-29 June 2014 | Poznan, Poland

**BIOLOGICAL BASIS OF PERSON-  
ALISED RADIATION ONCOLOGY**

29 June - 02 July 2014 | Brussels, Belgium

**MULTIDISCIPLINARY  
MANAGEMENT OF HEAD AND  
NECK ONCOLOGY**

29 June - 02 July 2014 | Athens, Greece

**ACCELERATED PARTIAL BREAST  
IRRADIATION**

06-09 September 2014 | Barcelona, Spain

**CLINICAL PRACTICE AND  
IMPLEMENTATION OF  
IMAGE-GUIDED STEREOTACTIC  
BODY RADIOTHERAPY**

07-11 September 2014 | Florence, Italy

**IMAGING COURSE FOR  
PHYSICISTS**

14-18 September 2014 | Porto, Portugal

**BASIC TREATMENT PLANNING  
BACK TO BACK WITH ADVANCED  
TREATMENT PLANNING**

16-20 September 2014 | Budapest, Hungary

**ADVANCED TREATMENT  
PLANNING**

BACK TO BACK WITH BASIC TREATMENT  
PLANNING

21-25 September 2014 | Budapest, Hungary

**IMAGE-GUIDED RADIOTHERAPY  
AND CHEMOTHERAPY IN  
GYNAECOLOGICAL CANCER -  
FOCUS ON ADAPTIVE  
BRACHYTHERAPY**

28 September - 02 October 2014  
Florence, Italy

**EVIDENCE-BASED RADIATION  
ONCOLOGY: A CLINICAL  
REFRESHER COURSE WITH A  
METHODOLOGICAL BASIS**

05-10 October 2014 | Varna, Bulgaria

**ADVANCED TECHNOLOGIES**

19-23 October 2014 | Chennai, India

**BEST PRACTICE IN RADIATION  
ONCOLOGY - A WORKSHOP TO  
TRAIN RTT TRAINERS  
IN COLLABORATION WITH THE IAEA  
PART I - TRAIN THE RTT TRAINERS**

20-24 October 2014 | Vienna, Austria

**COMBINED DRUG-RADIATION  
TREATMENT: BIOLOGICAL BASIS,  
CURRENT APPLICATIONS  
AND PERSPECTIVES**

02-05 November 2014  
Yogyakarta, Indonesia

**ESOR/ESTRO COURSE:  
MULTIDISCIPLINARY APPROACH  
OF CANCER IMAGING**

06-08 November 2014  
Maastricht, the Netherlands

**3<sup>RD</sup> MASTERCLASS IN RADIATION  
ONCOLOGY**

09-12 November 2014 | Lisbon, Portugal

**TARGET VOLUME DETERMINATION  
- FROM IMAGING TO MARGINS**

09-13 November 2014 | Vienna, Austria

**MULTIDISCIPLINARY TEACHING  
COURSE ON LUNG CANCER**

28-30 November 2014 | Guangzhou, China

**IMAGE-GUIDED RADIOTHERAPY  
IN CLINICAL PRACTICE**

30 November - 04 December 2014  
Brussels, Belgium

**QUANTITATIVE METHODS IN  
RADIATION ONCOLOGY: MODELS,  
TRIALS AND CLINICAL OUTCOMES**

07-10 December 2014 | Vienna, Austria

ACCELERATED PARTIAL  
BREAST IRRADIATION

2014

6-9 September 2014  
Barcelona, Spain



COURSE DIRECTOR  
Philip Poortmans (NL)

TEACHERS  
Tibor Major (HU)  
Birgitte Offersen (DK)  
Roberto Orecchia (IT)  
Vratislav Strnad (DE)

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Isabel-Teresa Rubio (ES)  
Xavier Sanz (ES)

LOCAL ORGANISERS  
Manuel Algara  
Núria Jornet

PROJECT MANAGER  
Melissa Vanderijst

## COURSE AIM

Accelerated partial breast irradiation (APBI) is becoming increasingly popular as a treatment option for early stage breast cancer. Numerous patients have been included in several prospective randomised clinical trials using a wide variety of techniques. We expect that long term results will be presented in the coming years. In this course dedicated to APBI, we will present some general issues of breast cancer but especially focus on patient selection and on the variety of techniques that can be used for the delivery of APBI. We will elaborate extensively on the technical aspects of the delivery of this specific form of radiation therapy, including optimal target volume delineation. This course is planned to be organised in the even years and should be clearly distinguished from the multidisciplinary course that will continue to being organised in the odd years. As breast cancer is a very common cancer and APBI can be considered as a quite recognisable approach in modern breast cancer treatment, we hope that by organising both courses on an alternate basis we meet a need of the radiation

oncology community. Apart from presentations, interactivity will be stimulated by organising clinical case discussions, target volume contouring exercises and debates. The faculty includes specialists in all technical approaches currently used for delivering APBI. To complete the comprehensive approach, we will invite representatives from the companies to present their technical solutions.

## TARGET GROUP

The course is primarily intended for specialists and trainees in the field of radiation oncology that are interested in extending their knowledge specifically of the management of early stage and low risk breast cancer.

## EDUCATIONAL PROGRAMME

- Epidemiology: is the proportion of early stage low risk patients increasing?
- The role of imaging in diagnosis and treatment
- The role of pathology in diagnosis and treatment
- Clinically relevant aspects of the biology of breast cancer
- Local surgery: choices and techniques (including oncoplastic)
- APBI techniques including external beam; intra-operative electron beam; interstitial and endocavitary brachytherapy
- Other techniques for APBI
- Pre-operative APBI
- Fractionation schedules
- DCIS: also eligible for APBI?
- Combination of external beam APBI with advanced treatment techniques including
- IMRT and breathing control
- Cosmetic outcome after APBI
- Long-term effects
- Current clinical trials
- Target volume delineation including workshops
- Clinical case discussions

## WORKING SCHEDULE

The course starts on Saturday September 6, 2014 at 09:00 and ends on Tuesday September 9, 2014 at 16:00. To be able to start on time, participants are encouraged to register on Friday September 5, 2014 from 16:00 to 18:00.

## 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  
✉ mvanderijst@estro.org  
☎ +32 2 775 93 31  
☎ +32 2 779 54 94

### COURSE VENUE

Hospital de la Santa Creu i Sant Pau,  
Carrer Sant Antoni Maria Claret, 167,  
08025 Barcelona

### LOCAL ORGANISERS

Manuel Algara, *Radiation Oncologist*  
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Barcelona (ES)  
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Núria Jornet, *Medical Physicist*  
Hospital de la Santa Creu i Sant Pau,  
Barcelona (ES)  
✉ NJornet@santpau.cat

### TECHNICAL EXHIBITION

Companies interested in exhibition opportunities during this teaching course should contact:

Melissa Vanderijst, *Project Manager*  
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☎ +32 2 779 54 94

### ACCOMMODATION

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



## PARTICIPANTS SHOULD REGISTER ONLINE AT: [WWW.ESTRO.ORG/SCHOOL](http://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](http://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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✉ [education@estro.org](mailto:education@estro.org)

## REGISTRATION FEES

	UP TO 09/06/14 INCLUSIVE	AFTER 09/06/14
In-training members*	450 €	625 €
Members	600 €	725 €
Non members	750 €	850 €

\* 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 is now distributed onsite on a USB key. No printed 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 course, 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.