

ESTRO School

**European School of Radiotherapy and Oncology
(ESRO)**

ESTRO Education Activities:

„The ESTRO Teaching Courses“

- past
- present
- future

The start: Teaching Courses (1985-90)

Broad topic (physics, biology..., brachy, evidence, methodology...)

Coherent, cooperative faculty of European experts

Teachers present during the whole course

Interactive with audience

Group teaching

Clinical examples

Course book

Social dimension, events,

Courses moving through Europe

ESTRO course organisation,

faculty evolving the programme

Local hosts, local culture

One course director responsible to the ETC

The fathers

and grandfathers

E. Van der Schueren

J. Overgaard

A. Dutreix, H. Svensson

ESTRO Committee on Education

- Founded in 1984

5-8 members plus chair

- 1984 J. Overgaard
- 1988 JW. Leer
- 1998 M. Baumann
- 2004 W. De Neve
- 2006 R. Pötter

Christine Verfaillie since 1999

The early 90ies: the basic curriculum

- **Core Curriculum** published in 1991
- **5 courses annually** from 91... onwards
 - physics („Leuven course“, H. Svensson)
 - radiobiology (E. van der Schueren, G. Steel)
 - role of RT in integrated ca care (T. Landberg)
 - modern brachytherapy techniques (A. Gerbaulet)
 - principles of RT and clinical research (JW. Leer)

Adaptation, addition, step by step, according to (from 95 -2000)

- IMRT (Amsterdam Course, B. Mijnher) 1996
- Molecular Oncology (D. Hollywood) 1998
- Dose calculation (A. Dutreix) 1998
- Treatment Planning (Rotterdam/Dublin)
In 98: Stevens; in 99-00: Dreier Gligoor and Verduyn;
01-05: Kasenter 06-08: Holmberg 1998
- Imaging (J. Dobbs) 1999

Adaptation, addition, step by step, according to ... (from 2001-)

- **Site Specific Brachytherapy courses**
 - **Prostate** (D. Ash, J. Battermann, G. Kovacs) 2001
(Endovascular (R. Pötter) 2001/2002)
 - **3D Gynaecology** (C. Haie-Meder/R. Pötter) 2004
- **Updated European Core Curriculum 2002**

Adaptation, addition, step by step according to ... core curriculum (2006-)

- **More courses specific for Radiation Oncology**
(together with associated disciplines)
 - IGRT (D. Verellen) 2006
 - Protons and Ions (J. Debus, E. Hug, D. Schultz-Ertner) 2007
 - Combination Treatment (J. Jassem) 2008
 - PET in radiotherapy (D. de Ruysscher, W Oyen) 2008

Adaptation, addition, step by step according to ... core curriculum (2006-)

- **More multidisciplinary site specific courses
(together with oncological organ specialists
and diagnostic oncological disciplines)**
 - Prostate Cancer (G. de Merleer) 2006
 - Rectal Cancer (V. Valentini), „EAGLE“ 2007
 - Lung Cancer (P.von Houtte) 2008
 - Breast Cancer (P. Poortmans) 2009
 - Paediatric Oncology (U. Ricardi, R. Kortmann) 2009

New Courses

new Methods & Topics, small size

according to specific situations

- **Train the trainers (RTT)**

(M. Coffey, G. van de Velde)

2008

- **PET in radiotherapy (with EANM)**

Seminar type

2008

- **Masterclass Radiation Oncology
(with ESO)**

interactive groups, tasks for cases and clinical study design

2008

Growing requests from outside Europe

for ESTRO education

- **Late 90ies: basic courses in central and Eastern Europe**
 - Duplication of basic ESTRO courses
 - Translation into Russian
 - In various cities and countries
- **With 2007 courses starting outside Europe (after ISRO)**
 - Beijing: Radiobiology, Imaging, Rectal Cancer
 - Montevideo: Physics
 - Cairo: Evidence based, Brachytherapy
 - Indonesia: Evidence based
 - Manila: Gyn Brachytherapy
- **Development of an ESTRO Programme (M. Brada)**
 - based on ESTRO teaching experience and culture
 - dedicated to needs outside Europe

Programme

**Mission statement for education in ESTRO
to improve, professionalise and standardise knowledge and practice
in Radiation Oncology and associated professions in Europe and beyond**

**“Good educational practice”
Excellent educational programmes
Comprehensive educational material
Educational grants**

ACCREDITATION
COOPERATION

Courses, E-learning, Log book, Revising Core Curricula 2002

Structure

- **Core Group**

based on all Radiation Oncology related disciplines

- **Education and Training Committee**

based on all ESTRO committees

- **Annual ESRO meeting** (at ESTRO annuals)

- **ESRO Fellow programme/network**

- **ESRO Faculty programme**

- **ESTRO office educational unit**

Shaping the future with ESRO

- To create strong, reliable and flexible structures for education in Europe and beyond
- To build a powerful frame supporting education for teachers, participants, fellows, organisers
„belonging to the ESTRO school“
- To strengthen our European ESRO faculty
- To strengthen the networking of our fellows
- To strengthen communication and collaboration