ESTRO-KOSRO GI: Technical and Clinical Challenges for Radiation Oncologists
2-4 June 2017
Seoul, South Korea

TARGET GROUP
The target group consists of radiation oncologists, physicists and radiation therapists who are interested to learn and improve their knowledge on optimal radiation oncology treatment modalities in GI malignancies, following the main radiotherapy steps as: indication, prescription, delineation, planning, IGRT and outcome evaluation.

COURSE AIM
The improvement of technology opportunities in radiation oncology challenges the role of radiotherapy in many tumour sites. GI tumours share a very unfavourable prognosis and in the meantime they could, by large extent, benefit from technology innovation.

The aim of the course is to support an interactive educational environment by peer review of each step of radiation therapy practice (indication, prescription, delineation, planning, IGRT, outcome evaluation) according to the modern available technologies and knowledge and taking care of the clinician, physicist and RTT perspectives.

Specialists of different disciplines will support the radiation oncology audience in understanding the clinical needs, anatomic and pathologic details, and therapeutic achievements needed to optimise radiation oncology knowledge in an international environment, for the benefit of a large Asian participation.

LEARNING OUTCOMES
By the end of this course, for each GI tumour site, participants should be able to practice:
- Proper indication for radiation therapy in a multidisciplinary perspective
- Appropriate prescription
- Tailored delineation according to tumour location and stage
- Dose distribution optimisation and comparison
- Optimal use of available IGRT technologies
- Proper monitoring of tumour response and control
- Define quality indicators and quality standards
- Compare tools and methods to monitor quality, reporting culture
- Example of the genesis of an accident (take a recent example, relevant to radiotherapy of today)
- Taxonomy and classification, distinction between incident and accident
- Analysis and return on experience (root cause analysis)
- Failure mode and effect analysis
- PRISMA as example (The Netherlands)
- Benchmarking
- Health failure mode and effect analysis (HFMEA), a prospective risk management method
- Communication to patient
- Communication to the media
- Communication to the organisation (departmental, hospital level)
- Specific training of staff, internal and external (team management)
- Comprehensive quality management in radiotherapy
- Performance indicators.

COURSE CONTENT
Session 1: Prescription
Participants will be invited to make their prescription on cases, that will afterwards be delineated and planned in the following

ROADMAP
MULTIMODAL CANCER TREATMENT
RADIONCROLOGIST, MEDICAL PHYSICIST, RADIATION THERAPIST

COURSE DIRECTOR
Vincenzo Valentini (IT)

TEACHERS
Do Hoon Lim (KR)
Claudio Coco (IT)
Jun ho lee (KR)
Jeejun Lee (KR)

CONTOURING ADMINISTRATOR
Francesco Cellini (IT)

LOCAL ORGANISER
Hee Chul Park
Radiation Oncologist,
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PROJECT MANAGER
Miika Palmu

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

COURSE ORGANISATION
For any further information please contact ESTRO:
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COURSE VENUE
To be confirmed

TECHNICAL EXHIBITION
Companies interested in exhibition opportunities during this teaching course should contact ESTRO:
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Tel: +32 2 775 93 48 - Fax: +32 2 779 54 94

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

- Lectures on imaging based staging and state of art of treatment will help the final discussion.

**Session 2: Delineation (Falcon session)**

- The previously discussed cases will be available for a tutored small working group in a delineation exercise.
- A video on surgical procedure highlighting the key surgical steps to have a better understanding of local anatomy will be commented on by a surgeon.

**Session 3: Delineation**

Lectures on primary tumour extension and nodal subsite involvement based on pathology evaluation and modern imaging will support the final recommendation for subsite delineation by stage and tumour position for the delineated cases.

**Session 4: Planning**

The choice among competitive plans for the cases by interactive systems will be supported by lectures on dose issues for tumour control and constrains for organs at risk.

**Session 5: In room imaging guided radiotherapy**

Drill and practice exercises in small working groups on how to determine PTV margin, IGRT by portal imaging and CT cone beam will favour discussion on daily dose delivery issues.

**Session 6: What we learn by failure analysis and future perspective**

The challenge of tumour recurrence will be addressed by lectures on how to distinguish primary recurrence vs nodal recurrence by imaging, on incidence and location of local recurrences and on the new treatment perspectives.

**PREREQUISITES**

Before commencing this course, participants should have practiced GI cancer:

- Tumour board discussion
- Delineation
- Planning optimisation and comparison
- IGRT
- Outcome monitoring.

**TEACHING METHODS**

- Lectures
- Interactive sessions
- Small working groups
- Individual practice.

**METHODS OF ASSESSMENT**

- On site monkey survey
- Small working groups with experts
- Questionnaires.

**KEY WORDS**

GI malignancies, oesophageal cancer, gastric cancer, rectal cancer, anal canal cancer, multidisciplinary management, delineation, planning, IGRT, outcome evaluation.

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**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 ONGONE (see www.ongone.be for more details) to settle your registration fee.

If online registration is not possible please contact us:

**ESTRO OFFICE**

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**REGISTRATION FEES**

Please check the early deadline date on our website

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<th>EARLY FEE</th>
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<tr>
<td>In-training members*</td>
<td>450 €</td>
<td>625 €</td>
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<td>Members</td>
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<td>Non members</td>
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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 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.

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WWW.ESTRO.ORG/SCHOOL

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