

# Upper GI: technical and clinical challenges for radiation oncologists

25 – 28 March 2023 | Florence, Italy

## Target group

The target group consists of radiation oncologists, physicists and radiation therapists (RTTs) who are interested to learn and improve their knowledge on optimal radiation oncology treatment modalities in upper GI malignancies following the main radiotherapy steps: 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. Upper GI tumours share a very unfavourable prognosis and in the meantime, they could 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 while 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 the therapeutic achievements needed to optimise radiation oncology knowledge.

## Learning outcomes

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

- Proper indication for radiation therapy in a multidisciplinary perspective
- 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.

## 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 sessions by a Survey 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 delineation exercise. A video on surgical procedure highlighting the key surgical steps to have a better understanding of the 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 constraints 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, and 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.

## ROADMAP

- ♦ MULTIMODAL CANCER TREATMENT
- RADIATION ONCOLOGIST, MEDICAL PHYSICIST, RADIATION THERAPIST, OTHER SPECIALIST

## COURSE DIRECTOR

- Vincenzo Valentini, Radiation Oncologist, Università Cattolica S. Cuore, Rome (IT)

## TEACHERS

- William Allum, Surgeon, The Royal Marsden NHS Foundation Trust, London (UK)
- Francesco Cellini, Radiation Oncologist, Università Cattolica S. Cuore, Rome (IT)
- Hanneke van Laarhoven, Medical Oncologist, Academisch Medisch Centrum Universiteit van Amsterdam, Amsterdam (NL)
- Alexander Quaas, Pathologist, Universitätsklinikum Köln, Köln (DE)
- Oscar Matzinger, Radiation Oncologist, Swiss Medical Network (CH)
- Angela Riddell, Radiologist, The Royal Marsden NHS Foundation Trust, London (UK)
- Dirk Verellen, Medical Physicist, Iridium Kankernetwerk, University of Antwerp, Antwerp (BE)
- Marcel Verheij, Radiation Oncologist, Radboudumc Nijmegen, Nijmegen (NL)

## LOCAL ORGANISER

- Lorenzo Livi, Full Professor in Radiation Oncology, Chair of department of Radiation Oncology - Azienda Ospedaliero-Universitaria Careggi, University of Florence)

## WORKING SCHEDULE

The course starts on Saturday, 25 March at 12:30 and ends on Tuesday, 28 March 2023 at 12:00.

## LANGUAGE

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

## COURSE ORGANISATION

For any further information, contact ESTRO Office (BE): Andrea Collavini, Project Manager, [acollavini@estro.org](mailto:acollavini@estro.org); M: +32 470 40 40 27

## COURSE VENUE

Centro Servizi e Formazione Montedomini Via Faenza 48 (black), 50123 Florence, Italy.



### Prerequisites:

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

- Be familiar with clinical indications for conformal radiotherapy
- Tumour board discussion
- Delineation
- Planning optimisation and comparison
- IGRT
- Outcome monitoring.

### Teaching methods:

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

### Methods of assessment:

- Small working groups with experts
- On site Survey Monkey
- Questionnaires.
- Practical demonstrations

## PARTICIPANTS SHOULD REGISTER ONLINE [HERE](#)

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: [education@estro.org](mailto:education@estro.org)

### Registration fees

Please check the early deadline date on our website.

	FEE
In-training members *	€ 625
Members	€ 725
Non-members	€ 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 [HERE](#)

# ESTRO

**ESTRO GOES GREEN** Please note that the course material will be available online. 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 meeting, the Society will reimburse the participants fully the registration fees. 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.

### [WWW.ESTRO.ORG/COURSES](http://WWW.ESTRO.ORG/COURSES)

