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Summer

School *of* Clinical Adaptive Radiotherapy

Endorsed by
ESTRO

Scientific Directors
Filippo ALONGI
Luca NICOSIA

IRCCS Sacro Cuore
Don Calabria
Hospital Cancer Care Center
Negrar di Valpolicella, IT
26 | 28 June
2023

Online adaptive radiotherapy is a new therapeutic procedure which allow for daily treatment plan adaptation. This approach can be performed with MR- or CT-based linacs. The promise of this new technology is to increase the therapeutic ratio of treatments by safely sparing organs at risk while increasing treatment accuracy. The novelty of this technological and clinical approach induces clinicians and operators to change their usual paradigm by performing new personalized solutions. With the availability of several machines with different structural and imaging characteristics, an insight to efficiently exploit the strengths of each available technology in the appropriate clinical setting is necessary. Therefore, a wide and comprehensive course is of outmost importance to speed-up the learning curve and develop appropriate treatment workflow.

The present Summer School is dedicated to all Radiation Oncologists and Medical Physicists with expertise in clinical adaptive treatments, but also to those who are going to implement such technology or want to become familiar with it. The course has a keen practical approach with real clinical cases, contouring and planning sessions, and live treatments on the machines.

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PROGRAM

- 09.00 Registration
- 09.30 Introduction to the course and greetings from the Faculty | **Filippo Alongi**
- 09.40 Introduction to the general concepts of adaptive radiotherapy | **Matthias Guckenberger**
- 10.00 Available technology, treatment modality (MR-based high- and low-T, CT-based)
- 10:20 The role of imaging (the choice of MR sequences, cone-beam CT, multiparametric MR) | **Luca Nicosia**
- 10:40 Coffee break
- 11:00 Interactive familiarization session with contouring and planning systems
- 12:30 Lunch

Treatment of head-neck, and brain tumors

- 13.30 Clinical indications | **Eric Tseng**
- 13.50 Presentation of clinical cases with technical and clinical details | **Niccolò Giaj-Levra**
- 14.30 Coffee break
- 14.45 Contouring and planning of clinical cases offline
- 16.00 Live treatment sessions
- 17.30 End of scientific session

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Treatment of urogenital tumors

- 09.30 Clinical indications | **Alison Tree**
- 09.50 Presentation of clinical cases with technical and clinical details | **Rosario Mazzola**
- 10.20 Coffee break
- 10.45 Contouring and planning of clinical cases offline on Monaco
- 12.00 Live treatment sessions
- 13.00 Lunch

Treatment of upper abdomen tumors

- 14:00 Clinical indications | **Laura Dawson**
- 14.20 Presentation of clinical cases with technical and clinical details | **Luca Nicosia**
- 15.00 Coffee break
- 15.15 Contouring and planning of clinical cases offline on Monaco
- 16.30 Live treatment sessions
- 18.30 End of scientific session

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PROGRAM

Adaptive SBRT

- 09.30 Clinical indications | **Stefanie Corradini**
- 09.50 Presentation of clinical cases with technical and clinical details | **Edoardo Pastorello**
- 10.20 Coffee break
- 10.45 Contouring and planning of clinical cases offline on Moebius/Eclipse
- 12.00 Live treatment sessions
- 13.00 Lunch

Treatment of thoracic tumors

- 14.00 Clinical indications | **Juliane Hörner-Rieber**
- 14.20 Presentation of clinical cases with technical and clinical details | **Michele Rigo**
- 15.00 Coffee break
- 15.15 Contouring and planning of clinical cases offline on Moebius/Eclipse
- 16.30 Live treatment sessions
- 17.30 Final greetings

NOTE

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of Clinical Adaptive Radiotherapy

A large white rectangular area with a thin orange border, containing 15 horizontal dotted lines for writing notes.

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INFORMATION

Congress Venue:

IRCCS Sacro Cuore Don Calabria | Hospital Cancer Center
Viale Luigi Rizzardi, 4 - Negrar di Valpolicella (VR)

Scientific Directors: Filippo **ALONGI** | Luca **NICOSIA**

The Event will be accredited for CME credits for the following categories:

• **Physicians** (Radiotherapy) • **Medical Physicists** (Physicists)

TO OBTAIN CREDITS will be necessary:

- Participate in all educational days • Complete the Customer Satisfaction
- Complete and pass the ECM questionnaire

Registration

The registration fee includes the admission to the scientific sessions, CME credits, certificate of attendance.

Member ESTRO: € 400,00 | No member ESTRO: € 500,00

Online registration soon available on our website www.bibagroup.it

PROVIDER E SEGRETERIA ORGANIZZATIVA



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