School of Clinical Adaptive Radiotherapy

Course 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.

Summer School of Clinical Adaptive Radiotherapy

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

Treatment of head-neck, and brain tumors

- 13.30 Clinical indications | E. Tseng
- 13.50 Presentation of clinical cases with technical and clinical details M. Buglione di Monale e Bastia
- 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 | A. Tree
- 09.50 Presentation of clinical cases with technical and clinical details | R. 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 | L. Dawson
- 14.20 Presentation of clinical cases with technical and clinical details | L. 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

Summer School of Clinical Adaptive Radiotherapy

Adaptive SBRT

09.30 C	linical	indications	S. Arcangel	İ
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- 09.50 Presentation of clinical cases with technical and clinical details | M. Rigo
- 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 | J. Hörner-Rieber
- 14.20 Presentation of clinical cases with technical and clinical details N. Giaj-Levra
- 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

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Of Clinical Adaptive Radiotherapy

Filippo ALONGI (Negrar di Valpolicella)

Stefano ARCANGELI (Monza)

Luca **BOLDRINI** (Rome)

Michela BUGLIONE DI MONALE E BASTIA (Brescia)

Laura DAWSON (Canada)

Niccolò GIAJ-LEVRA (Negrar di Valpolicella)

Matthias **GUCKENBERGER** (Zurich)

Juliane HORNER-RIEBER (Heidelberg)

Rosario MAZZOLA (Negrar di Valpolicella)

Luca NICOSIA (Negrar di Valpolicella)

Michele RIGO (Negrar di Valpolicella)

Ruggero RUGGIERI (Negrar di Valpolicella)

Alison TREE (London)

Eric TSENG (Toronto)

SORMATION.

Congress Venue:

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

Course 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 Satisfation
- 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 | Non-member ESTRO: € 500,00

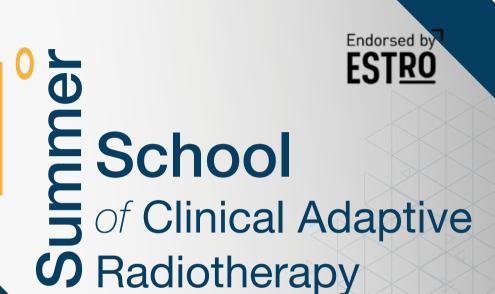
Online registration soon available on our website www.bibagroup.it



PROVIDER E SEGRETERIA ORGANIZZATIVA



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