



UNIVERSITÀ
CATTOLICA
del Sacro Cuore

Gemelli



Fondazione Policlinico Universitario Agostino Gemelli IRCCS
Università Cattolica del Sacro Cuore

ART
Advanced Radiation
Therapy



Innovative treatments and patients compliance

31° RESIDENTIAL COURSE

12 November 2021

 VIRTUAL

22-23 November 2021
AULA VITO

 ONSITE and  VIRTUAL

26 November 2021

 VIRTUAL

Scientific Coordinators *V. Valentini, M.A. Gambacorta, L. Indovina*
Honorary Presidents *C.A. Perez, N. Cellini*



Associazione Italiana
Radioterapia e Oncologia clinica

ESTRO

16.00-16.30

Course aims and modalities (live and recorded)

V. Valentini, M.A. Gambacorta, L. Indovina, C.A. Perez, N. Cellini

Moderators: *D. Genovesi, F. Cellini*

16.30-16.50

What is considered compliance in the 20's?

M.A. Gambacorta

Opening lecture (recorded)

Moderators: *A.G. Morganti, G. Macchia*

16.50 - 17.10

Omics sciences and compliance to radiotherapy: is there a link?

C.N. Andreassen

Session 1 (recorded)

Metrics: Which compliance to be measured?

Moderators: *F. Deodato, G.C. Mattiucci*

17.10-17.25

...in radiotherapy randomized trials. The clinical perspective - *P. Hoskin*

17.25-17.40

...in radiotherapy randomized trials. The dosimetric perspective

D. Verellen

17.40-17.55

...in technical innovations. The clinical perspective - *B. Jerezcek*

17.55-18.10

...in technical innovations. The dosimetric perspective - *G.J. Meijer*

18.10-18.25

Question time (live)





08.00

Onsite registration

08.45 - 09.00

Onsite course opening. Authorities greetings

V. Valentini, R. Bellantone, G. Scambia

Session 2 (live)

Metrics: which compliance is important for the patient undergoing radiotherapy?

Moderators: *S. Pergolizzi, M.F. Osti*

09.00-09.15

Treatment compliance: patient's vs clinician's perspectives - *P. Hoskin*

09.15-09.30

Treatment compliance: the psychological dimension in adults - *L. Dinapoli*

09.30-09.45

Treatment compliance: priorities of care in the elderly - *G.F. Colloca*

09.45-10.00

Treatment compliance: the relational dimension in paediatrics - *E. Marconi*

10.00-10.15

Question time

Session 3 (live)

Actions: How to prevent and recover no-compliance?

Moderators: *M. Krenqli, M. Mangoni*

10.30-10.45

Recommendations for non-compliance in radiotherapy treatments

K. Haustermans

10.45-11.00

Recommendations for non-compliance in chemoradiotherapy treatments

E. Fokas

11.00-11.15

Innovation: AI and error prevention in RT - *D. Verellen*

11.15-11.30

Innovation: nutritional aspects and microbioma - *A. Gasbarrini*

11.30-11.45

Question time

Lecture 1 (live)

Moderator: *R. Corvò, S. Arcangeli*

11.45-12.10

Image guided radiotherapy technologies and treatment compliance

U. Ricardi

Lecture 2 (live)

Moderator: *M. Elefanti*

12.10-12.35

Compliance between innovation and clinical experience: health economics perspective - *Y. Lievens*

12.35-14.30

Lunch Break

Session 4 (live)

Actions: Will innovation change compliance in radiotherapy treatments?

Moderators: *L. Livi, L. Indovina*

14.30-14.45

Innovation in image guided external beam radiotherapy - *G.J. Meijer*

14.45-15.00

Innovation in adaptive external beam radiotherapy - *S. Corradini*

15.00-15.15

Innovation in interventional radiotherapy - *L. Tagliaferri*

15.15-15.30

Innovation in particle external beam radiotherapy

A. Hoffmann

15.30-15.45

Question time

15.45-16.00

Break

Lecture 3 (live)

Moderators: *C. Aristei, G. Gagliardi*

16.00-16.25

What is considered innovation in 20's radiotherapy? - *A. Kirby*

Session 5 (live)

Actions: Big Data and AI: which contribution to compliance?

Moderators: *V. Donato, R.M. D'Angelillo*

16.25-16.40

Big Data and AI for compliance monitoring clinical meaning

S. Kyriazakos

16.40-16.55

Big Data and AI for compliance prediction - *A. Dekker*

16.55-17.10

Art and AI for patient's resilience - *V. Valentini*

17.10-17.25

Question time

Lecture 4 (live)

Moderators: *M. Scorsetti, M. Santarelli*

17.45 -18.10

Compliance to treatments using stereotactic technologies

M. Guckenberger



Lecture 5 (live)

Moderators: M. Buglione, F. Paiar

09.00-09.25

FLASH therapy and compliance: a new era? - J. Bourhis

Session 6 (live)

Actions: Does drug innovation change compliance in combined treatments?

Moderators: R. Pacelli, A. Cassano

09.25-09.40

Monoclonal antibodies and small molecules - F. Marazzi

09.40-09.55

Immune checkpoint blockade - M. De Jong

09.55-10.10

Androgen pathway therapy - S. Arcangeli

10.10-10.25

Question time

Lecture 6 (live)

Moderator: G. Tortora

10.25-10.50

Immunotherapy and radiotherapy: efficacy, innovative fractionations and compliance - P. Lambin

10.50-11.05

Break

Session 7 (live)

Focus on: Prostate cancer innovation and compliance

Moderators: F. Alongi, M. Stasi

11.05-11.25

Innovation, effectiveness and compliance in prostate cancer - M. Bolla

11.25-11.40

Constraints and toxicity in standard treatments - B. Jereczek

11.40-11.55

Constraints and toxicity in innovative treatments - N. Jornet

11.55-12.10

Question time

Session 8 (live)

Focus on: H&N cancer innovation and compliance

Moderators: G. Sanguineti, E. Orlandi

12.10-12.30

Innovation, effectiveness and compliance in H&N cancers - V. Grégoire

- 12.30-12.45** **Constraints and toxicity in non conventional fractionations** - *P. Bonomo*
- 12.45-13.00** **Constraints and toxicity in innovative therapies combinations**
R. Martinez-Monge
- 13.00-13.15** **Question time**
- 13.15-14.30** **Lunch Break**

Session 9 (live)

Focus on: Combined radio-chemotherapy treatments in stage III lung cancer

Moderators: *E. Bria, M.E. Rosetto*

- 14.30-14.45** **Pharmacological innovations and integration with radiotherapy in stage III lung cancer** - *S. Ramella*

Session 10 (live)

Focus on: Lung cancer innovation and compliance

Moderators: *V. Tombolini, M.A. Gambacorta*

- 14.45-15.05** **Innovation, effectiveness and compliance in lung cancers**
C. Le Pechoux
- 15.05-15.20** **Constraints and toxicity in standard treatments** - *M. Massacesi*
- 15.20-15.35** **Constraints and toxicity in innovative treatments** - *L. Boldrini*
- 15.35-15.50** **Question time**

Laboratory (live)

- 15.50-16.35** **PROM, PREM, App and IOT**
L. Tagliaferri, G.F. Colloca, C. Casà, L. Boldrini, A. Nardangeli, G. Chiloiro
- 16.35-16.55** **Closing remarks**
V. Valentini, M.A. Gambacorta, L. Indovina





Lecture 7 (recorded)

Moderator: *A. Fiorentino*

15.30-15.55

Particle therapy and patient compliance - *E. Troost*

Session 11 (recorded)

Focus on: Breast cancer innovation and compliance

Moderators: *P. Gentile, E. Russi*

15.55-16.15

What can FLASH-RT offer for breast cancer patients - *P. Poortmans*

16.15-16.30

Constraints and toxicity in standard treatments - *F. Marazzi*

16.30-16.45

Constraints and toxicity in non standard fractionation treatments
I. Meattini

16.45-17.00

Question time (live)

Session 12 (recorded)

Focus on: Anal cancer innovation and compliance

Moderators: *G. Mantello, F. Valvo*

17.00-17.20

Innovation, effectiveness and compliance in anal cancer
K. Haustermans

17.20-17.35

Constraints and toxicity in standard treatments - *P. Franco*

17.35-17.50

Constraints and toxicity in interventional radiotherapy treatments
G. Kovács

17.50-18.05

Question time (live)

18.05

Closing remarks (live) - *V. Valentini, M.A. Gambacorta, L. Indovina*



UNIVERSITÀ
CATTOLICA
del Sacro Cuore

Provider 2463

Università Cattolica del Sacro Cuore
e-mail: raffaella.empler@unicatt.it

THE COURSE IS ACCREDITED FOR:

Radiation Oncologist, Medical Oncologist

INFORMATION:

www.gemelliart.it - Phone +39 0630155226

For registration to the event

http://fopecom-rm.unicatt.it/fopecomonline/default_eng.aspx?Edizione=1&IdEvento=8307

Registration fee

250 euro - registration

150 euro - AIRO, ESTRO members, person in training

CME Training Objective no. 18: Technical-professional contents (knowledge and skills) specific to each profession, each specialisation and each ultra-specialist activity, including rare diseases and gender medicine

The course is accredited for:

nr. 150 Radiation Oncologists, Medical Oncologists

The exhibition hall is open

from 12 to 26 November, all day, with the exception of lesson times

Faculty

Christian Nicolaj Andreassen - Aarhus Dk

Stefano Arcangeli - Milano

Luca Boldrini - Roma

Michel Bolla - Grenoble F

Pierluigi Bonomo - Firenze

Jean Bourhis - Lusanne Ch

Calogero Casà - Roma

Giuditta Chiloiro - Roma

Giuseppe Ferdinando Colloca - Roma

Stefanie Corradini - Muenchen D

Monique De Jong - Amsterdam Nl

Andre Dekker - Maastricht Nl

Loredana Dinapoli - Roma

Emmanouil Fokas - Aarhus Dk

Pierfrancesco Franco - Torino

Maria Antonietta Gambacorta - Roma

Antonio Gasbarrini - Roma

Vincent Gregoire - Lyon F

Matthias Guckenberger - Zurich Ch

Karin Haustermans - Leuven B

Aswin Hoffmann - Dresden D

Peter Hoskin - Manchester Uk

Barbara Jereczek - Milano

Nuria Jornet - Barcelona E

Anna Kirby - Sutton Uk

Gyoergy Kovacs - Lübeck D

Sofoklis Kyriazakos - Aarhus Dk

Philippe Lambin - Maastricht Nl

Cecile Le Pechoux - Paris F

Yolande Lievens - Gent B

Fabio Marazzi - Roma

Elisa Marconi - Roma

Rafael Martinez-Monge - Pamplona E

Mariangela Massaccesi - Roma

Icro Meattini - Firenze

Gert Meijer - Utrecht Nl

Alessia Nardangeli - Roma

Philip Poortmans - Antwerp B

Sara Ramella - Roma

Umberto Ricardi - Torino

Luca Tagliaferri - Roma

Esther Troost - Dresden D

Vincenzo Valentini - Roma

Dirk Verellen - Brussels B

With the unconditional contribution of



Scientific Advisory Board 2021: M. Balducci, F. Cellini, F. Deodato, G.C. Mattiucci, A.G. Morganti
Scientific Secretariat 2021: L. Boldrini, F. Miccichè, L. Tagliiferri