

28° Residential Course

«Modern Radiotherapy and unconventional treatments: fractionations, volumes and new drug»

Rome, 8 - 10 October 2018 Aula Brasca - Policlinico Universitario Agostino Gemelli

Laboratory : Generating hypothesis approaches and how to design a new trial

F.Cellini, I. Simone, S.Manfrida, G.F. Colloca, D.Genovesi

Gemelli

Fondazione Policlinico Universitario Agostino Gemelli IRCCS
Università Cattolica del Sacro Cuore



ART

Advanced Radiation
Therapy



**UNIVERSITÀ
CATTOLICA**
del Sacro Cuore

Monday, 8 October 2018

- 8.00 Registration
8.45 Opening ceremony
9.00 **Opening lecture** Moderator: **A.G. Morganti**
Generating hypothesis approaches: individual practice vs first step of evidence promotion **P. Lambin**

Session 1 Definition vs provocation:

What does unconventional treatment mean?

Moderator **R. Orecchia**

- 9.30 Conventional vs unconventional RT and radiation response
N. Foray
10.00 Conventional vs unconventional RT and fractionations **C. Grau**
10.30 Conventional vs unconventional RT and volumes
K. Haustermans
11.00 Coffee Break
11.20 Conventional vs unconventional drugs and RT **G. Tortora**
11.50 Conventional vs unconventional RT and immunotherapy
P. Lambin
12.20 Discussion

- 12:30 **Keynote lecture 1** Moderator: **C.A. Perez**
Generating hypothesis studies: the DKFZ strategy **M. Baumann**
13.15 Lunch

Session 2 Unconventional approaches in NSCLC

Moderators **R. Santoni, S. Margaritora**

- 14.30 Unconventional case **G.C. Mattiucci, M. Campitelli, A. Martini**
14.50 Unconventional approaches and fractionation **Y. Lievens**
15.10 Unconventional approaches and volumes **E. Troost**
15.30 Unconventional approaches and new drugs **E. Bria**
15.50 Unconventional approaches and proton therapy **M. Krengli**
16.10 Discussion
16.30 Coffee Break

17.00 Laboratories (small groups)

- Generating hypothesis approaches and new technologies
J. Dhont, D. Cusumano, L. Boldrini, G. Chiloiro, P. Gentile, V. Frascino
Generating hypothesis approaches and data collection
A. Damiani, N. Dinapoli, L. Tagliaferri, S. Chiesa, R. Autorino, G. Macchia
Generating hypothesis approaches and ethical/legal/grant support issues
A. Cesario, M. Cicerone, G. Mattiucci, B. Corvari, F. Deodato, E. Russi
Generating hypothesis approaches and how to design a new trial
F. Cellini, I. Simone, S. Manfreda, G.F. Colloca, D. Genovesi

Tuesday, 9 October 2018

Session 3 Unconventional approaches in H&N cancer

Moderators: **R. Corvò, G. Paludetti**

- 8.30 Unconventional case **F. Miccichè, M. Massacesi, C. Mazzarella**
8.50 Unconventional approaches and fractionation **J. Bourhis**
9.10 Unconventional approaches and volumes **V. Gregoire**
9.30 Unconventional approaches and new drugs **M. Merlano**
9.50 Unconventional approaches and proton therapy **D. Alterio**
10.10 Discussion
10.30 Coffee Break

11.00 Laboratories (small groups)

- Generating hypothesis approaches and new technologies
J. Dhont, D. Cusumano, L. Boldrini, G. Chiloiro, P. Gentile, V. Frascino
Generating hypothesis approaches and data collection
A. Damiani, N. Dinapoli, L. Tagliaferri, S. Chiesa, R. Autorino, G. Macchia
Generating hypothesis approaches and ethical/legal/grant support issues
A. Cesario, M. Cicerone, G. Mattiucci, B. Corvari, F. Deodato, E. Russi
Generating hypothesis approaches and how to design a new trial
F. Cellini, I. Simone, S. Manfreda, G.F. Colloca, D. Genovesi

12.15 Keynote lecture 2

Generating hypothesis studies: the ESTRO strategy

Moderator: **S. Magrini**
Lecturer: **Y. Lievens**

13.00 Lunch

Session 4 Unconventional approaches in Breast cancer

Moderators: **C. Aristei, R. Masetti**

- 14.00 Unconventional case **D. Smaniotto, G. Palazzoni, V. Masiello**
14.20 Unconventional approaches and fractionation **M.C. Leonardi**
14.40 Unconventional approaches and volumes **L. Livi**
15.00 Unconventional approaches and new drugs **F. Marazzi**
15.20 Discussion
15.40 Coffee break

16.00 Laboratories (small groups)

- Generating hypothesis approaches and new technologies
J. Dhont, D. Cusumano, L. Boldrini, G. Chiloiro, P. Gentile, V. Frascino
Generating hypothesis approaches and data collection
A. Damiani, N. Dinapoli, L. Tagliaferri, S. Chiesa, R. Autorino, G. Macchia
Generating hypothesis approaches and ethical/legal/grant support issues
A. Cesario, M. Cicerone, G. Mattiucci, B. Corvari, F. Deodato, E. Russi
Generating hypothesis approaches and how to design a new trial
F. Cellini, I. Simone, S. Manfreda, G.F. Colloca, D. Genovesi

17.00 Debate 1 Skin cancer: interventional radiotherapy vs surgery

Moderator: **V. Tombolini**
pro **G. Kovács** *con* **K. Peris**

Wednesday, 10 October 2018

9.00 Debate 2 HCC: focal therapy by RT

Moderators: **N. Cellini**
pro **M. Scorsetti** *con* **R. Iezzi**

Session 5 Unconventional approaches in Prostate cancer

Moderators: **V. Donato, P. Bassi**

- 9.45 Unconventional case **G. Mantini, F. Catucci, B. Fionda**
10.05 Unconventional approaches and fractionation **B. Jereczek-Fossa**
10.25 Unconventional approaches and volumes **P. Hoskin**
10.45 Unconventional approaches and drugs (Ormonotherapy and Chemiotherapy) **A.R. Alitto**
11.05 Unconventional approaches and proton therapy **M. Van Vulpen**
11.25 Discussion
11.40 Coffee Break

12.00 Laboratories (small groups)

- Generating hypothesis approaches and new technologies
J. Dhont, D. Cusumano, L. Boldrini, G. Chiloiro, P. Gentile, V. Frascino
Generating hypothesis approaches and data collection
A. Damiani, N. Dinapoli, L. Tagliaferri, S. Chiesa, R. Autorino, G. Macchia
Generating hypothesis approaches and ethical/legal/grant support issues
A. Cesario, M. Cicerone, G. Mattiucci, B. Corvari, F. Deodato, E. Russi
Generating hypothesis approaches and how to design a new trial
F. Cellini, I. Simone, S. Manfreda, G.F. Colloca, D. Genovesi

13.00 Keynote lecture 3

Generating hypothesis studies: the Gemelli IRCCS strategy

Moderator: **V. Valentini**
Lecturer: **G. Scambia**

13.45: Lunch

Session 6 Unconventional approaches in Rectal cancer

Moderators: **L. Pirtoli, G. Doglietto**

- 14.30 Unconventional case **E. Meldolesi, A. Petrone, D. Marchesano**
14.50 Unconventional approaches and fractionation **K. Haustermans**
15.10 Unconventional approaches and volumes **M. A. Gambacorta**
15.30 Unconventional approaches and new drugs **E. Fokas**
15.50 Discussion

Session 7 Possible trials

Reporters: **S. Manfreda, G.F. Colloca**

Chair: **D. Genovesi, F. Cellini, I. Simone**

- 16.10 Which trial can I start when I am back home?
17.00 Course conclusions

Note: (DKFZ) German Cancer Research Center, (ESTRO) European Society for Radiotherapy and Oncology, (HCC) Hepatocellular Carcinoma, (IRCCS) Istituto di Ricovero e Cura a Carattere Scientifico, (NSCLC) Non-small cell lung cancer, (H&N) Head and Neck, (RT) Radiotherapy

28° Residential Course

«Modern Radiotherapy and unconventional treatments: fractionations, volumes and new drug»

Rome, 8 - 10 October 2018 Aula Brasca - Policlinico Universitario Agostino Gemelli

Which trial can I start when I am back home?

F.Cellini, I. Simone, S.Manfrida, G.F. Colloca, D.Genovesi

Gemelli

Fondazione Policlinico Universitario Agostino Gemelli IRCCS
Università Cattolica del Sacro Cuore



ART

Advanced Radiation
Therapy



**UNIVERSITÀ
CATTOLICA**
del Sacro Cuore

Modern Radiotherapy and unconventional treatments: fractionations, volumes and new drugs

Guideline
high evidence level

Guideline
low evidence level

Grey Zone

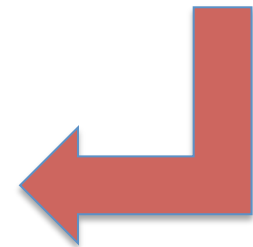
Clinical trial

Self-referential
single case GCP

Self-referential
case series GCP

Case report

Generating
Hypothesis
Observation



Laboratory : Generating hypothesis approaches and how to design a new trial



Which methodology can I perform to forge a trial when I am back home?

Gemelli



Fondazione Policlinico Universitario Agostino Gemelli IRCCS
Università Cattolica del Sacro Cuore

ART

Advanced Radiation
Therapy



**UNIVERSITÀ
CATTOLICA**
del Sacro Cuore