

16-19 June 2021



3rd European Congress
of Medical Physics

Embracing Change, Sharing Knowledge



11^o Congresso
Nazionale AIFM

www.ecmp2020.org

VIRTUAL EDITION

ESMPE European School for Medical Physics Experts

Patient Specific QA in RT · When/How/Analysis

16th June 2021

This one day satellite meeting will be held in conjunction with the 3rd European Congress of Medical Physics. The vast majority of radiotherapy centers undertake some form of Patient Specific Quality Assurance (PSQA) for some or all patients undergoing advanced RT treatments.

While there is some potential benefit in doing this, there are significant challenges in terms of resources required and in understanding the inherent assumptions and limitations of the different equipment and techniques used. This workshop is intended to first allow the participants to consider why we should (or should not) undertake PSQA. The faculty will then explore the main approaches to PSQA (pre-treatment, on-treatment and post-treatment). This exploration is intended to provide participants with an opportunity to examine the underlying assumptions, recognise the advantages and limitations of each approach and assess of the output from each.

The event will be accredited by EBAMP [European Board for Accreditation in Medical Physics] and is intended for practising clinical Medical Physicists who are involved in Radiation Oncology clinical routine.

Brendan McClean, Efi Koutsouveli (Scientific Chairs)

Alberto Torresin (Chair of the School)

FACULTY

Ben Heijmen - *Erasmus MC Cancer Institute & Erasmus University, Rotterdam, The Netherlands*

Nuria Jornet - *Hospital de la Santa Creu i Sant Pau, Barcelona, Spain*

Efi Koutsouveli - *Hygeia Hospital, Hellenic Healthcare Group, Athens, Greece*

Pat McCavana - *St Luke's Radiation Oncology Network, Dublin, Ireland*

Brendan McClean - *St Luke's Radiation Oncology Network, Dublin, Ireland*

Marlies Pasler - *Lake Constance Radiotherapy Center Friedrichshafen, Germany*



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Day Satellite Meeting - Programme

8:00 Registration.

Morning session - Chairs: Efi Koutsouveli [GR], Brendan McClean [IE]

9:00 **Opening of the patient specific QA in RT satellite even**

Why are we here? Brendan McClean [IE], Efi Koutsouveli [GR]

9:30 **Individualized patient QA**

What do we aim for and do we get it? Ben Heijmen [NL]

10:15 *Coffee break*

10:45 **Pre-treatment verification**

Patient specific dosimetric measurement. Pat McCavana [IE]

11:30 Discussion - Demonstrations

12:00 *Lunch break*

Afternoon session - Ben Heijmen [NL], Brendan McClean [IE]

13:00 **On-treatment verification**

In vivo verifications and in vivo dosimetry: the ultimate safety net. Nuria Jornet [ES]

13:45 Discussion - Demonstrations

14:15 *Coffee break*

14:30 **Post-treatment verification**

Log-File analysis in clinical practice. Marlies Pasler [DE]

15:15 Discussion - Demonstrations

15:45 Point/counterpoint on each approach



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This course is accredited by EBAMP as CPD event for Medical Physicists
at EQF Level 8 and awarded 14 CPD credit points.

Further Information

Course language: English

Level: MPE

Registration fee (meal & coffee breaks): € 50,00 + VAT

Duration: 16th June 2021

Study load: 6 hours of lectures and discussions

Venue: virtual with live lectures

Information, programme at: www.efomp.org

Registration: electronic registration via www.ecmp2020.org

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