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
Efí 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
PATIENT SPECIFIC QA IN RT • WHEN/HOW/ANALYSIS

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
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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