

**ESMPE European School for Medical Physics Experts**  
**Patient Specific QA in RT**  
**When/How/Analysis**

**23<sup>rd</sup> September 2020, Torino, Italy**

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	
Pat McCavana	St Luke's Radiation Oncology Network, Dublin, Ireland
Nuria Jornet	Hospital de la Santa Creu i Sant Pau, Barcelona, Spain
Ben Heijmen	Erasmus MC Cancer Institute & Erasmus University, Rotterdam, The Netherlands
Efi Koutsouveli	Hygeia Hospital, Hellenic Healthcare Group, Athens, Greece
Wolfgang Lechner	Medical University of Vienna, AKH Wien, Austria
Brendan McClean	St Luke's Radiation Oncology Network, Dublin, Ireland

## Time-table

	Session	Title	Description	Lecturer
8:00-9:00	Registration			
Morning session Chairs: E Koutsouveli, B McClean				
9:00-9:30	Introduction	Opening of the Patient Specific QA in RT satellite event	Why are we here?	B McClean E Koutsouveli
9:30-10:15		Individualized patient QA	What do we aim for and do we get it?	B Heijmen
10:15-10:45	Coffee break			
10:45-11:30		Pre-Treatment verification	Patient Specific Dosimetric Measurement	P McCavana
11:30-12:00			Discussion - Demonstrations	Panel
12:00-13:00	Lunch break			
Afternoon session Chairs: B Heijmen, B McClean				
13:00-13:45		On-Treatment Verification	In vivo verifications and in vivo dosimetry: the ultimate safety net	N Jornet
13:45-14:15			Discussion - Demonstrations	Panel
14:15-14:30	Coffee break			
14:30-15:15		Post-Treatment verification	Log-File analysis in clinical practice	W Lechner
15:15-15:45			Discussion - Demonstrations	Panel
15:45-16:15			Point/counterpoint on each approach	Panel and Participants

## Further Information

Course language	English
Level	MPE
Registration fee* (meal & coffee breaks)	90 € + VAT
Maximum number of participants	80
Duration	23 <sup>rd</sup> September 2020
Study load	6 hours of lectures
Venue	Lingotto Conference Center, Turin, Italy
Accommodation	Individual
Information, programme at:	<a href="#">EFOMP website</a> <a href="#">ECMP2020 website</a>
Registration	Electronic registration via <a href="http://www.ecmp2020.org">www.ecmp2020.org</a>
Registration period	25 <sup>th</sup> November 2019 – 25 <sup>th</sup> August 2020

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