



ESMPE

ESMPE European School for Medical Physics Experts EFOMP Digital Breast Tomosynthesis QC protocol feedback session

August 17, 2022

Dublin, Ireland

The school aims to present the draft EFOMP Digital Breast tomosynthesis Quality Control Protocol with opportunities for discussion and feedback. This feedback will be taken into account in the final version of the protocol. This one-day event will be accredited by EBAMP (European Board of Accreditation for Medical Physics) as CPD event for Medical Physicists at EQF Level 8 and is intended for practicing clinical Medical Physicists who are involved in mammography/digital breast tomosynthesis.

Faculty

Ruben van Engen	Dutch expert Center for screening, Nijmegen, The Netherlands
Ioannis Sechopoulos	Radboud university medical center and Dutch expert Center for screening, Nijmegen, The Netherlands
Niall Phelan	BreastCheck, Dublin, Ireland
Alistair Mackenzie	National Co-ordinating Centre for the Physics of Mammography, Guildford, UK
Nick Marshall	University Hospitals Leuven, Belgium
Valentina Ravaglia	Medical Physics Department, AUSL Romagna, Italy

Time-table

17th August 2022 Wednesday	Title	Description	Lecturer
8:00-9:00	Registration		
Morning chairs: Ioannis Sechopoulos (NL), Ruben Van Engen (NL)			
Introduction			
9.00-9.15	Introduction/scope		Ruben van Engen (NL) /Ioannis Sechopoulos (NL)
9.15-9.45	Digital Breast tomosynthesis technology		Ioannis Sechopoulos (NL)

9.45-10.30	Overview draft DBT QC protocol	Ruben van Engen (NL)
Draft EFOMP DBT QC protocol, part one		
10.30-11.15	X-ray tube QC tests	Niall Phelan (IE)
11.15-12.00	Image receptor QC tests	Nick Marshall (BE)
12:00-13:00	Lunch break	
Afternoon chairs: Ioannis Sechopoulos (NL), Ruben Van Engen (NL)		
Draft EFOMP DBT QC protocol, part two		
13.00-13.45	Automatic Exposure Control QC tests	Valentina Ravaglia (IT)
13.45-14.30	Image quality QC tests	Alistair Mackenzie (UK)
Draft EFOMP DBT QC protocol, part three		
14.30-15.15	Breast dosimetry	Ioannis Sechopoulos (NL)
15.15-16.00	Discussion/wrap-up	All faculty

Further information

Course language

English

Level

MPE – Level 8

Maximum number of participants

60

Duration

17th August 2022

Study load

6 hours of lectures and discussions