

### SCIENTIFIC PROGRAMME

#### Course Director

Elizabeth Forde

#### Faculty

Helen Grimes

Jose Lopez

Peter Remeijer

Sophie Bockel

Philipp Scherer

Lisa Wiersema

#### Guest Lecturer

TBC

#### DAY 1 – SUNDAY 22nd SEPTEMBER: Introduction and Patient Preparation

Chair morning: E. Forde / Chair afternoon: J. Lopez

Time	Duration	Lecture	Speaker
09.00 – 09.15	15	Welcome & Introduction of teachers	E. Forde
09.15 – 09.45	30	What does it mean to be an RTT in 2023?	E. Forde
09.45 – 10.15	30	Patient preparation and positioning	P. Scherer
10.15 – 10.45		<i>Coffee break</i>	
10.45 – 11.30	45	Pre-treatment Imaging Modalities	J. Lopez
11.30 – 12.15	45	Delineation Target Volumes	S. Rivera
12.15 – 13.00	45	Delineation Organs at Risk	E. Forde
13.00 – 14.00		<i>Lunch break</i>	
14.00 – 15.15	75	Workshop on delineation of OAR	S.Rivera / J. Lopez / E. Forde
15.15 – 15.45		<i>Coffee break</i>	
15.45 – 17.00	75	Workshop on delineation of OAR	S.Rivera / J. Lopez / E. Forde
TBC		<b>Networking Event</b>	TBC

#### DAY 2 – MONDAY 23RD SEPTEMBER: Pre-treatment (IGRT and Planning)

Chair morning: P. Scherer / Chair afternoon: S. Rivera

Time	Duration	Lecture	Speaker
09.00 – 09.30	30	Errors and Margins	P. Remeijer
09.30 – 10.00	30	Image registration	P. Remeijer
10.00 – 10.30	30	Correction Strategies	P. Remeijer
10.30 – 11.00		<i>Coffee break</i>	
11.00 – 11.45	45	Workshop on margin calculation: part I	P. Remeijer
11.45 – 12.15	30	Motion Management	H. Grimes
12.15 - 12.45	30	Treatment Planning I: Plan Literacy	E. Forde
12.45 – 13.45		<i>Lunch break</i>	
13.45 – 14.15	30	Treatment Planning II: Advances in Planning	E. Forde
14.15 – 14.45	30	Clinical rationale for IGRT	J. Lopez
14.45 – 15.15		<i>Coffee break</i>	
15.15 – 15.45	30	Workshop on margin calculation: part II	P. Remeijer
15.45 – 16.45	60	Case Discussion: Head and Neck	S. Rivera / P. Remeijer/ P. Scherer

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**DAY 3 – TUESDAY 24TH SEPTEMBER: IGRT on Treatment***Chair morning: J. Lopez / Chair afternoon: E. Forde*

Time	Duration	Lecture	Speaker
09.00 – 10:00	60	Case Discussions: Prostate	Faculty (JL, PR, MK)
10.00 – 11.00	60	Case Discussions: Cervix	Faculty (SR, PR, LW)
11.00 – 11.30		<i>Coffee break</i>	
11.30 - 12.00	30	Image registration and Evaluation: Part I (CBCT XVI)	L. Wiersema
12.00 - 12.30	30	Image registration and Evaluation: Part II (CBCT Varian)	E. Forde
12.30 – 13.30		<i>Lunch break</i>	
13.30– 15.30	120	Break up sessions Image registration and evaluation Varian and Elekta	Faculty (LW, PR, EF, PS)
15.30 – 16.00		<i>Coffee break</i>	
16.00 - 16.30	30	Recap of W'Shop; presentation of solutions and participants answers	L. Wiersema/ E. Forde
16:30 – 17.00	30	Adaptive Radiotherapy - What, Where, When, Why and How?	E. Forde

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#### DAY 4 – WEDNESDAY 25TH SEPTEMBER: Safe Clinical Workflow

Chair morning: E. Forde / Chair afternoon: S. Rivera

Time	Duration	Lecture	Speaker
09.00 - 09.30	30	Implementing and managing new technologies/protocols	L. Wiersema
09.30 - 10.00	30	Implementing new technology: Spotlight on MRgRT from the Physicist	P. Remeijer
10.00-10.30	30	Implementing new technology: Spotlight on MRgRT from the RTT	L. Wiersema
10.30-11.00	30	<i>Coffee break</i>	
11.00-11.30	30	Error management	P. Remeijer
11:30 – 12.00	30	Incident management	P. Scherer
12.00 – 12.30	30	Patient management	E. Forde
12.30-13.30		<i>Lunch break</i>	
13.30-14.30	60	Workshop: Safety issues and prospective risk analysis	P. Scherer / E. Forde
14.30-15.00	30	<i>Coffee break</i>	
15.00-15.30	30	Recap of FMEA w/shop	P. Scherer and E. Forde
15.30 – 16.30	60	Case Discussion: Lung	J. Lopez / L. Wiersema

#### Day 5 – THURSDAY 26TH SEPTEMBER: The Future is here!

Chair: L. Wiersema

Time	Duration	Lecture	Speaker
09.00 – 10.00	60	Case Discussion: Brain	J. Lopez / P. Remeijer / L. Wiersema
10.00 - 10.45	45	Case Discussion: Breast	S.Rivera / P. Remeijer / P. Scherer
10.45 – 11.15	30	<i>Coffee break</i>	
11.15 – 12.00	45	AI in RT: Opportunities and threats	
12.00 – 12.15	15	AI: Open Discussion	
12.15 – 12.45	30	Wrap-up & Closure	Faculty