

SCIENTIFIC PROGRAMME

Course Director

Philip Poortmans

Faculty

Sandra Hol

Icro Meattini

Tibor Major

Vratislav Strnad

Local organiser

Maria Jesus Garcia Anaya

Course Manager

Miika Palmu

Sunday 27 March	Topic	Speaker
	Part 1 Introduction: general issues in breast cancer	
08:30 – 09:00	Registration	Miika Palmu
09:00 – 10:00	Introduction including epidemiology and rationale for (A)PBI	Philip Poortmans
10:00 – 10:30	Radiation therapy: from one size fits all to risk-adapted volumes and doses	Icro Meattini
10:30 – 11:00	<i>Coffee break</i>	<i>all</i>
11:00 – 11:30	Target volume delineation for boost/PBI: basic principles	Philip Poortmans
11:30 – 12:00	Oncoplastic surgery and target volume delineation	Philip Poortmans
12:00 – 14:00	<i>Lunch Break</i>	<i>all</i>
	Part 2 The basics of APBI	
14:00 – 14:45	Comparison between the basic characteristics of the available techniques: physics aspects.	Tibor Major
14:45 – 15:30	Apples and oranges: comparison of the basic characteristics of the available techniques: clinical aspects.	Icro Meattini
15:30 – 16:00	<i>Coffee break</i>	<i>all</i>
16:00 – 16:45	The future of (A)PBI after Import-Low and FAST-Forward	Each radiation oncologist 15' to be "advocate of the devil"
16:45 – 17:30	Panel discussion with the participants	All; coordinated by Vratislav Strnad

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Monday 28 March	Topic	Speaker
09:00 – 09:30	Target volume delineation for APBI: the GEC-ESTRO guidelines	Vratislav Strnad
	Part 3 APBI techniques	
09:30 – 10:30	Endocavitary and interstitial brachytherapy for APBI: techniques and results	Vratislav Strnad
10:30 – 11:00	<i>Coffee break</i>	<i>all</i>
11:00 – 12:00	External beam RT for APBI: techniques and results	Icro Meattini
12:00 – 14:00	<i>Lunch Break</i>	<i>all</i>
14:00 – 15:00	Intraoperative RT with electrons and photons for APBI: techniques and results	Philip Poortmans
15:00 – 15:30	Practical treatment planning: - 20 th century: field-based vs. 21 st century: volume-based - From conformal to mini-WBI	Sandra Hol
15:30 – 16:00	<i>Coffee break</i>	<i>all</i>
16:00 – 16:30	Is RT needed after all?	Icro Meattini
16:30 – 17:30	Clinical case discussion: the limits of breast conserving therapy 20' summary including clinical genetics	All; coordinated by Icro Meattini

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Tuesday 29 March	Topic	Speaker
09:00 - 09:45	Physics for intraoperative, endocavitary and interstitial techniques	Tibor Major
09:45 - 10:15	Delineation workshop: discussion about homework	Sandra Hol; All
10:15 - 10:45	<i>Coffee break</i>	<i>all</i>
11:00 - 12:00	Physics for EBRT-APBI: 3D-CRT -> IMRT -> IGRT	Tibor Major
12:00 - 14:00	<i>Lunch Break</i>	<i>all</i>
	Part 4 Patient selection for APBI	
14:00 - 14:30	Risk factors for local recurrence (after BCT & after (A)PBI)	Philip Poortmans
14:30 - 15:00	Patient selection criteria	Icro Meattini
15:00 - 15.30	Considerations from the physicist including target volume definition and coverage	Tibor Major
15:30 - 16:00	<i>Coffee break</i>	<i>all</i>
16:00 - 16:30	Influence of target volume contouring on treatment planning outcome	Sandra Hol
16:30 - 17.30	Clinical case discussion: The trade-off between volume and dose/fractionation	All; coordinated by Philip Poortmans

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Wednesday 30 March	Topic	Speaker
	Part 5 Treatment related toxicity - and how to avoid them	
09.00 – 09.30	Side-effects of PBI: external beam	Icro Meattini
09.30 – 10.00	Side-effects of PBI: brachytherapy	Vratislav Strnad
10.00 – 10.30	Side-effects of PBI: IORT & IOeRT	Philip Poortmans
10:30 – 11:00	<i>Coffee break</i>	<i>all</i>
	Part 6 Future perspectives	
11:00 – 11:30	Second breast conserving therapy	Vratislav Strnad
11:30 – 12:00	General discussion with participants around APBI	All; coordinated by Vratislav Strnad & Icro Meattini
12:00	Final wrapping up. Farewell word	Philip Poortmans, all