

ESTRO TEACHING COURSE ON ACCELERATED PARTIAL BREAST IRRADIATION

Barcelona, Spain - 6-9 September 2014

<i>Saturday 6 September</i>	Topic	Speaker
08:00 - 09:00	Registration	
09:00 - 09:15	Introduction	P. Poortmans
Part 1	Introduction: general issues in breast cancer	
09:15- 09:45	The perspective of the breast cancer patient	Europa Donna representative
09:45 - 10:15	Imaging for early breast cancer	A. Rodríguez
10:15 - 10:45	Pathology with an emphasis on early breast cancer	E. Lerma
10:45 - 11:15	Coffee break	
Part 2	The basics behind the rise of APBI	
11:15 - 11:45	Background	P. Poortmans
11:45 - 12:30	Radiation therapy: ever more focussed!	X. Sanz
12:30 - 13:15	Target volume delineation for APBI	V. Strnad
13:15 - 14:15	Lunch	
Part 3	The basics of APBI	
14:15 - 15:00	Physics and risk management for small volume radiation therapy.	N. Jornet
15:00 - 15:45	Comparison between the basics characteristics of the techniques	B. Offersen
15:45 - 16:00	Instruction to use the voting tool	S. Hol / M. Vanderijst
16:00 - 16:30	Tea break	
16:30 - 17:30	Clinical case discussion: who might be a good candidate for APBI?	All; <i>voting</i> R. Orecchia
17:30 - 18:00	Delineation workshop: introduction to the software including insight in homework	S. Hol

<i>Sunday 7 September</i>		
08:30 - 09:00	Wrapping up of yesterday; time for questions & suggestions	P. Poortmans, all
Part 4	Patient selection for APBI	
09:00 - 9:30	ASTRO and GEC-ESTRO criteria	R. Orecchia
09:30 - 10:00	Risk factors for local recurrence (after BCT & after APBI)	P. Poortmans
10.00 - 10.30	Considerations from the physicist including target volume definition and coverage	T. Major
10:30 - 11:00	Coffee break	
11:00 - 11:45	Target volume delineation for APBI session 1	All
Part 5a	APBI: intraoperative techniques	
11:45 - 12:30	Intraoperative electron beam RT for APBI: techniques and results	R. Orecchia
12:30 - 13:00	Other intraoperative techniques for APBI: techniques and results	V. Strnad
13:00 - 15:00	Lunch	
Part 5b	APBI: post-operative endocavitary and interstitial techniques	
15:00 - 16:00	Endocavitary and interstitial brachytherapy for APBI: techniques and results	V. Strnad
16:00 - 16:30	Tea break	
16:30 - 17:15	Physics for intraoperative, endocavitary and interstitial techniques	T. Major
17:15- 18:00	Special lecture: breast surgery: always less?	I-T. Rubio

<i>Monday 8 September</i>		
08:30 - 09:00	Wrapping up of yesterday; time for questions & suggestions	P. Poortmans, all
Part 5c	APBI: external beam technique	
09:00 - 09:45	External beam RT for APBI: techniques and results	B. Offersen
09:45 - 10:30	Physics for EBRT-APBI: 3D-CRT → IMRT → IGRT	T. Major
10:30 - 11:00	Coffee break	
Part 6	Special considerations	
11:00 - 11:30	Surgical considerations including oncoplastic surgery	I-T. Rubio
11:30 - 12:00	Target volume delineation and outcome after oncoplastic surgery	P. Poortmans
12:00 - 13:00	Debate: APBI is ready for prime time (outside of clinical trials)	All; <i>voting</i> PRO: V. Strnad CON: B. Offersen
13:00 - 15:00	Lunch	
15:00 - 15.30	How to combine oncoplastic surgery and APBI be combined: surgical and RT considerations	P. Poortmans I-T. Rubio
15:30 - 16:00	Target volume delineation for APBI session 2	All
16:00 - 16:30	Tea break	
16:30 - 17:30	Clinical case discussion: the limits of breast conserving therapy 20' summary including clinical genetics	All; <i>voting</i> I. Rubio
17:30 - 18.00	Presentation of the delineation exercise General discussion	S. Hol All

<i>Tuesday 9 September</i>		
08:30 - 09:00	Wrapping up of yesterday; time for questions & suggestions	P. Poortmans, all
Part 6	Treatment related toxicity	
09.00 - 09.45	Side-effects of APBI.	B. Offersen
09:45 - 10:30	Clinical case discussion: how to avoid side effects	All; <i>voting</i> V. Strnad & T. Major
10:30 - 11:00	Coffee break	
Part 7	Future perspectives	
11:00 - 11:30	Second breast conserving therapy	V. Strnad
11:30 - 12:00	Is RT needed after all?	P. Poortmans
12:00 - 13:00	General discussion around APBI based on clinical cases submitted by the participants.	All; <i>voting</i> R. Orecchia
13:00	Final wrapping up. Farewell word	P. Poortmans, all

Philip Poortmans, Radiation Oncologist, Institute Verbeeten, Tilburg (NL)
Tibor Major, Medical Physicist, National Institute of Oncology, Budapest (HU)
Birgitte Offersen, Clinical Oncologist, Aarhus University Hospital, Aarhus (DK)
Roberto Orecchia, Radiation Oncologist, European Institute of Oncology, Milan (IT)
Vratislav Strnad, Radiation Oncologist, University Hospital Erlangen, Erlangen (DE)

Contouring administrator
Sandra Hol, Radiation Technologist, Institute Verbeeten, Tilburg (NL)

Guest lecturers
Núria Jornet, Medical Physicist, Hospital de la Santa Creu i Sant Pau, Barcelona (ES)
Ana Rodríguez, Radiologist, Hospital del Mar, Barcelona (ES)
Isabel-Teresa Rubio, Breast Cancer Surgeon, Vall D'Hebron Hospital (ES)
Xavier Sanz, Radiation Oncologist, Parc de Salut MAR, Barcelona (ES)
Enrique Lerma, pathologist, Hospital de la Santa Creu i Sant Pau, Barcelona (ES)