

21–22 October 2021
St. Petersburg, Russia

Brachytherapy in partial breast irradiation (APBI)

Faculty members:

Vratislav Strnad, MD, PhD, Prof, University Hospital Erlangen, Germany

Johann Tang I-Hsiung, MD, Prof, MBBS, FRANZCR, FAMS, Mount Elizabeth Novena Hospital, Singapore

Csaba Polgar, MD, Prof, National Cancer Institute Budapest, Hungary

Tibor Major, PhD, National Cancer Institute Budapest, Hungary

Jean-Michel Hannoun-Levi MD, PhD, MS, Antoine Lacassagne Cancer Centre/Université Côte d'Azur, Nice, France

Sergey Novikov, MD, PhD, N.N. Petrov National Medical Research Center of Oncology, St. Petersburg, Russia

Thursday 21 October 2021

Time	Title	Speaker
07:45 – 08:00	Registration	
08:00 – 08:15	Welcome	
08:15 – 08:45	Introduction of participants	all
08:45 – 09:30	Overview of Partial Breast Irradiation in the Management of Breast Cancer – Facts & Myths	V. Strnad
09:30 – 10:15	Patient selection	C. Polgar
10:15 – 10:35	Break	
10:35 – 11:20	Physics: Comparison of techniques for APBI	T. Major
11:20 – 12:00	Target definition	V. Strnad, C. Polgar
12:00 – 12:45	Fractionation concepts, radiobiologic considerations	J.M. Hannoun-Levi
12:45 – 13:30	Lunch	
13:30 – 14:00	Image-guided brachytherapy - interstitial techniques	J.I. Tang
14:00 – 15:30	Hands-on session 1: Catheter insertion using phantoms	All faculty
15:30 – 15:45	Break	
15:45 – 17:25	Hands-on session 2: Target delineation (physicians) / Treatment Planning (physicists)	All faculty
17:25 – 17:35	Summary of the 1st day	V. Strnad, J.I. Tang
17:35 – 18:00	Visit of Radiation Oncology Department – Division of Brachytherapy in N.N. Petrov National Medical Research Center of Oncology	S. Novikov
19:30	Dinner	

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Friday 22 October 2021

Time	Title	Speaker
08:30 – 09:00	Welcome and clinical case presentation	S. Novikov, & colleagues
09:00 – 10:30	Live case	S. Novikov, & colleagues
10:30 – 11:00	Questions and discussion live case	All faculty
11:00 – 11:15	Break	
11:15 – 11:45	ACROP/ESTRO-Practical guideline for APBI using Interstitial Multi-Catheter Brachytherapy	V. Strnad, T. Major
11:45 – 12:15	Salvage-APBI for in-breast recurrence	C. Polgar
12:15 – 12:45	Phase III APBI trials update – clinical comparison of different techniques of APBI	C. Polgar
12:45 – 13:25	Lunch	
13:25 – 14:25	Hands-on session 3: Target delineation (physicians) / Treatment Planning (physicists) CONTINUED	All faculty
14:25 – 15:10	Dose volume parameters in organ at risk in breast brachytherapy	V. Strnad
15:10 – 15:30	High dose rate brachytherapy for patients with breast cancer: from boost and APBI to non-surgical treatment strategy	S. Novikov
15:30 – 15:50	New directions of APBI (altered fractionation, salvage-APBI, ...)	J.M. Hannoun-Levi
15:50 – 16:15	Panel discussion	All faculty
16:15	Summary, Closing comments	V. Strnad, J.I. Tang
	Adjourn	