

14–15 May 2019  
Budapest, Hungary

## Masterclass: brachytherapy in partial breast irradiation

### Faculty members:

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

Johann Tang I-Hsiung, MD, Ass.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

### Tuesday 14 May 2019

Time	Title	Speaker
07:45 – 08:00	Registration	
08:00 – 08:15	Welcome	NCIB / Elekta
08:15 – 08:45	Introduction participants	all
08:45 – 09:30	Overview of Partial Breast Irradiation in the Management of Breast Cancer – Facts & Myths of multicatheter brachytherapy	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	T.Major
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	V.Strnad, J.I.Tang, C.Polgar
15:30 – 15:45	Break	
15:45 – 17:25	Hands-on session 2 - Target delineation (physicians) / Treatment Planning (physicists)	V.Strnad, C.Polgar, J.I.Tang
17:25 – 17:35	Summary of the 1st day	V.Strnad, J.I.Tang
17:35 – 18:00	Visit Radiation Oncology Department – Division of Brachytherapy	C. Polgar
19:30	Dinner	

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Wednesday 15 May 2019

Time	Title	Speaker
08:30 – 09:00	Welcome and clinical case presentation	C. Polgar, & colleagues from Hungary
09:00 – 10:30	C. Polgar, & colleagues from Hungary	C. Polgar, & colleagues from Hungary
10:30 – 11:00	Questions and discussion live case	all
11:00 – 11:15	Break	
11:15 – 11:45	GEC-ESTRO Breast Cancer Working Group Practical Recommendations for Interstitial Multi-Catheter Breast Brachytherapy	V.Strnad, T.Major
11:45 – 12:15	Intraoperative techniques of APBI	J.I.Tang
12:15 – 12:35	Salvage-APBI for in-breast recurrence	C.Polgar
12:35 – 13:15	Lunch	
13:15 – 14:45	Hands-on session 3: Target delineation (physicians) / Treatment Planning (physicists) CONTINUED	T.Major, V.Strnad, J.I.Tang, C.Polgar
14:45 – 15:15	Dose volume parameters in organ at risk in breast brachytherapy	V.Strnad
15:15 – 16:00	Supporting data and Phase III trials update – clinical comparison of different techniques of APBI	C.Polgar
16:00 – 16:45	New directions - panel discussion (altered fractionation, neoadjuvant APBI, salvage-APBI, ...)	V.Strnad, J.I.Tang, C.Polgar, T.Major
16:45 – 17:00	Summary, Closing comments	V.Strnad, J.I.Tang
	Adjourn	