

8–10 December 2022
Mumbai, India

Mastercourse in Gynecological Brachytherapy

Thursday 8 December 2022

Time	Title	Speaker
08:30-08:45	Introduction to the course: Aim and Scope	
Session I - Cervix Cancer		
8:45-9:10 (20+5)	Imaging with focus on target delineation for brachytherapy (MRI/Ultrasound/CT)	
9:10-9:30 (15+5)	Principles of Standard Intracavitary point A based Brachytherapy	
9:30-10:15 (20+20+5)	Rationale for Image Guided Adaptive Brachytherapy for Cervix Cancer and Target Concepts on MRI and CT	
10:00-10:30	Tea/Coffee Break	
10:30-10:50 (15+5)	Applicator Selection and Techniques for Cervical Cancer Brachytherapy.	
10:50-11:10 (15+5)	Applicator commissioning and QA	
11:15- 12:45 pm A: 25+5	Live/Video BT application: Including Tips and Tricks for difficult cases.	
B: 60 minutes	Hands on training on simulators/ OT/ Discussions	
12:45-1:45 pm	Lunch Break	
1:45-2:45 pm	Target Delineation (Gp A Clinicians) Applicator and Implant Reconstruction (Gp B Physicists)	
02:45-3:10 pm (20+5)	Treatment Planning Recommendations for MR adaptive BT (IC/IC+IS): Principles	
3:10-3:30 pm (15+5)	Tumor Control and Morbidity considerations: Lessons from Image guided Adaptive Brachytherapy.	
3:30-4:00	Tea/Coffee Break	
Session II - Vaginal Cancers		
4:00-4:25 pm (20+5)	Target Concept for brachytherapy of primary vaginal cancers: Imaging and Clinical examination	
4:25-4:45 pm (20+5)	Case examples of vaginal cancer and applicator selection (Standard Case, Post Vaginal Wall Lesion, extensive Paracolpos involvement) Venezia, MR multichannel, Individualized	
4:45-5:15 (25+5)	Ongoing initiatives and Treatment Planning in Primary Vaginal Cancers with mention on rare histologies	
5:15-5:30	Summary/Discussion	

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Friday 9 December 2022

Time	Title	Speaker
Session III - Endometrial Cancer		
8:30-8:50 (15+5)	Brachytherapy for Endometrial Cancer: Case selection in era of molecular based treatment with focus on applicators QA and technique	
08:50-09:10 (15+5)	Brachytherapy for medically inoperable endometrial cancer: Applicator, Technique selection, Target delineation and outcomes	
9:10-09:30 (15+5)	Post-surgical recurrent vaginal cancer: Applicator Selection, Technique, target delineation and Outcomes	
09:30-10-15	Video for Medically Inoperable Endometrial Cancer	
10:15-10:30	Tea/Coffee Break	
10:30-11:15	Live/ Video Interstitial Brachytherapy for Interstitial Recurrent Endometrial Cancer (MUPIT)	
11:15-11:45	Applicator Reconstruction and Planning (MUPIT)/IC+ Perineal Template	
11:45-12:00	Plan Evaluation/ Radiobiological considerations/Discussions	
12:00-1:00	Hands on practice in groups on simulators (Interstitial MUPIT/ Perineal Template)	
Session IV - Vulva and Peri-urethral Cancers		
2:00 -2:15 (15+5)	Vulva Cancers: Baseline evaluation, Disease Mapping and Case Selection for Brachytherapy	
2:15-3:15 (15+15)	Brachytherapy Implant Techniques Case Examples/ Video	
3:15-3:45	Coffee/Tea Break	
3:45-04:05 (15+5)	Free hand Implant reconstruction: Tips and Techniques	
04:05-4:35 (15+5)	Treatment Planning Considerations and Plan Evaluation for Vulvo-Vaginal Cancers	
04:35-05:00	Second Cancers in pelvic region: HPV Related Field Cancerization and Results from Dutch Clinical Trials	

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Saturday 10 December 2022

Time	Title	Speaker
Session V: Reirradiation with Brachytherapy for Gynecological Cancers		
09:30-09:50 (15+5)	Evidence and Rationale for Reirradiation	
09:50-10:10 20+5)	Case selection for reirradiation: Considerations and practical tips and examples	
10:10-10:30 (15+5)	Organ at risk tolerance in setting of reirradiation	
10:30-10:50 (10+10)	Outcomes of Re RT: Tata Memorial Centre	
10:50-11:10 (15+5)	Dose accumulation for Multicourse Reirradiation	
11:10-11:30 (15+5)	Ongoing collaborative Initiatives for Gynecological Reirradiation	
11:30-11:45	Coffee/ Tea Break	
Session VI - Implementing Advanced Brachytherapy Program: Patient Care & Practical Considerations		
11:45-12:00	Setting up Advanced Brachytherapy Program: Practical and patient care considerations for the Team	
12:00-12:30 (15+15)	Training Aids and Continuing Education in Gynecological Brachytherapy: Brachytherapy Skills Lab and Learning Curve Assessment.	
12:30-12:45	Program scale up and role of automated brachytherapy treatment planning	
12:45-1:15	Feedback and discussion/ Valedictory	