

8–10 December 2022
Mumbai, India

Mastercourse in Gynecological Brachytherapy

Thursday 8 December 2022

Time	Title	Speaker
08:30-08:45	Course Inauguration Introduction to the course: Aim and Scope	RA Badwe/JP Agarwal/ R Kinhikar/S Chopra
Session I - Cervix Cancer		
Chair: SK Shrivastava, S Chopra		
8:45-9:10 (20+5)	Imaging with focus on target delineation for brachytherapy (MRI/Ultrasound/CT)	Palak Popat
9:10-9:30 (15+5)	Principles of Standard Intracavitary point A based Brachytherapy	Bhawana Rai
9:30-9:55 (20+5)	Rationale for Image Guided Adaptive Brachytherapy for Cervix Cancer and Target Concepts on MRI	Alina Sturdza
9:55-10:15 (15+5)	Applicator Selection for Locally advanced Cervical Cancer Brachytherapy (Ring/ICA/IC+IS)	Lavanya Gurram
10:15-10:40	Tea/Coffee Break	
Chair: SK Shrivastava/RA Nout		
10:40-11:05 (20+5)	Applicator commissioning and QA and considerations for applicator image acquisition	Kari Tanderup
11:05-11:45	Case Description/ Procedure Live /Video: Venezia with Needles/ Venezia with Vaginal Cap Discussion/ Tips/ Tricks	Supriya Chopra All Faculty
11:45-12:45	Hands on Training (Clinicians + Physicists) Physics discussion on applicator characteristics (Familiarity with applicator physical characteristics Venezia, Vienna, Utrecht, Geneva)	All faculty Yogesh Ghadi/Jeevanshu Jain/Subhojit Panda/ Satish Kohle/ Rajesh Bhajbhujje
12:45-1:45 pm	Lunch Break	
1:45-2:45 pm (20 +20+20)	Target Delineation (Group A Clinicians) (ACT01, ACT02) Applicator and Implant Reconstruction (Group B Physicists)	All faculty (Cinical/Physics)
Chair: A Sturdza, B Rai		
2:45-3:10 pm (20+5)	Treatment Planning Recommendations for MR adaptive BT (IC/IC+IS): Principles of Loading and optimization	Kari Tanderup
3:10-3:35 pm (20+5)	Tumour Control and Morbidity considerations: Lessons from MRI Image guided Adaptive Brachytherapy with focus on plan evaluation	Remi Nout
3:35-4:00 pm (20+5)	CT-Ultrasound Based Target Delineation and outcomes of CT Based BT	Ekkasit Tharavichitkul
4:00-4:15 pm	Tea/Coffee Break	

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Session II - Vaginal Cancers		
Chair: S Chopra, E Tharavichitkul		
4:15-4:40 pm (20+5)	Target Concept for brachytherapy of primary vaginal cancers	Remi Nout
4:40-5:00pm (15+5)	Case examples of vaginal cancer and applicator selection (Standard Case, Post Vaginal Wall Lesion, extensive Paracolpos involvement) Venezia, MR multichannel, Individualized	Cyrus Chargari
5:00-5:15 pm (15)	Treatment Planning in primary vaginal cancers including rare histology (Melanoma) / Ongoing Collaborative Initiatives	Remi Nout
5:15-5:30 pm	Summary/Discussion	Supriya Chopra

Friday 9 December 2022

Time	Title	Speaker
Session III - Endometrial Cancer		
Chair: E Tharavichitkul, B Rai		
8:30-8:50 (15+5)	Brachytherapy for endometrial cancer (postop, medically inoperable): Indications, Case and applicator selection	Remi Nout
8:50-9:10 (15+5)	Brachytherapy for medically inoperable endometrial cancer: Target delineation, prescription and outcomes	Alina Sturdza
9:10-9:45	Case description Live/Video for Medically Inoperable Endometrial Cancer Target Delineation and Prescription	Supriya Chopra
9:45-10:00	Plan Evaluation/ Radiobiological Considerations/Discussions	Remi Nout/Alina Sturdza/Supriya Chopra
10:00-10:20	Tea/Coffee Break	
Chair: SK Shrivastava, RA Nout		
10:20-10:35 (12+3)	Post-surgical recurrent endometrial cancer: Applicator Selection, Description (MUPIT, Zero Tandem Venezia/MR Multichannel)	Prachi Mittal
10:35-11:15	Live/ Video Interstitial Brachytherapy for Interstitial Recurrent Endometrial Cancer (MUPIT) Discussion	Supriya Chopra All faculty
11:15-12:15	Hands on practice in groups on simulators (Interstitial MUPIT/ Perineal Template (Clinicians) Applicator reconstruction (Physics)	All faculty (Cinical/Physics/RTT) Rituraj Upreti/Ritesh Mhatre/Jeevanshu Jain
12:15-12:40	Target delineation, Planning	Supriya Chopra/Prachi Mittal/Rituraj Upreti
12:40-1:00 pm	Plan Evaluation	Remi Nout/Alina Sturdza/Supriya Chopra
1:00-2:00 pm	Lunch Break	

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Session IV - Vulva and Periurethral Cancers		
Chair: RA Nout, A Sturdza		
2:00 -2:20 pm (15+5)	Vulva and Periurethral Cancers: Baseline evaluation, Disease Mapping and Case Selection for Brachytherapy	Supriya Chopra
2:20-3:10 pm (20+20+10)	Brachytherapy Implant Techniques Live/ Video	Supriya Chopra/ Cyrus Chargari
3:10-3:30 pm	Coffee/Tea Break	
3:30-3:50 pm	Target delineation and Implant reconstruction: Tips and Techniques	Cyrus Chargari/Supriya Chopra/Yogesh Ghadi/ Ritesh Mhatre
3:50-4:15 pm (20+5)	Treatment Planning Considerations and Plan Evaluation	Cyrus Chargari/Supriya Chopra/Bhawna Rai
4:15-4:30 pm	Additional dose response considerations for tumour control and morbidity in vulvo-vaginal cancers	Kari Tanderup/Remi Nout/Supriya Chopra
4:30-4:50 pm	Second Cancers in pelvic region: Results from PORTEC Trials and HPV related field cancerization	Remi Nout/Supriya Chopra
4:50-5:00 pm	Summary	Supriya Chopra
7:00-9:30 pm	Team dinner	All faculty/participants

Saturday 10 December 2022

Time	Title	Speaker
Session V: Reirradiation with Brachytherapy for Gynecological Cancers		
Chair: RA Nout, S Chopra		
9:30-9:50 (15+5)	Evidence and Rationale for Reirradiation	Alina Sturdza
9:50-10:10 (25+5)	Case selection for reirradiation: Considerations and practical tips and examples	Supriya Chopra
10:10-10:30 (15+5)	Organ at risk tolerance in setting of reirradiation	Jaahid Mulani
10:30-10:50 (10+10)	Outcomes of (re)RT in oligorecurrent cancers: Tata Memorial Centre	Lavanya Gurrum Supriya Chopra
10:50-11:10 (15+5)	Dose accumulation for Multicourse Reirradiation	Ankita Gupta Jeevanshu Jain
11:10-11:30 (15+5)	Ongoing collaborative Initiatives for Gynecological Reirradiation: RetroCOSMOS	Supriya Chopra Remi Nout
11:30-11:50	Coffee/ Tea Break	
Session VI - Brachytherapy Training and Programme Scale Up		
11:50-12:15 (15+10)	Results of International Training Survey/India Survey	Alina Sturdza/Prachi Mittal
	Training Aids and Brachytherapy Skills Assessment: Learning Curve Assessment	Supriya Chopra
12:15-12:45 (15+15)	Programme scale up and role of automated brachytherapy treatment planning	Supriya Chopra Remi Nout
12:45-1:15	Feedback, Closing Remarks and discussion/ Valedictory	All