

## Mastercourse in Gynecological Brachytherapy

### Thursday 8 December 2022

Time	Title	Speaker
08:00-08:20	Registration	
08:25-08:40	Course Inauguration Introduction to the course: Aim and scope	RA Badwe/ CS Pramesh JP Agarwal/R Kinkhikar/S Chopra
<b>Session I - Cervical Cancer</b>		
<b>Chair: SK Shrivastava, R Kinkhikar (Session Location: Choksi Auditorium)</b>		
8:45-9:05 (15+5)	Imaging with focus on image-based target delineation for brachytherapy	Palak Papat (Online)
9:05-9:25 (15+5)	Principles of standard intracavitary point A-based brachytherapy	Bhawana Rai
9:25-9:50 (20+5)	Target concept on MRI and rationale for image-guided adaptive brachytherapy (IGABT) in locally advanced cervical cancer (LACC)	Alina Sturdza
9:50-10:10 (15+5)	Applicator selection for brachytherapy in LACC (Ring/ICA/IC+IS)	Lavanya Gurram
10:10-10:30	Tea/Coffee Break	
<b>Chair: SK Shrivastava, RA Nout, R Kinkhikar (Session Location: Choksi Auditorium)</b>		
10:35-11:00 (20+5)	Applicator commissioning, QA and considerations for applicator image acquisition	Kari Tanderup (Online)
<b>11:00-1:00 Video and Hands on Session</b>		
11:00-11:45	Baseline Assessment Survey & Case Description Procedure Video Venezia with needles + Venezia with vaginal cap and needles Q and A	Ankita Gupta Supriya Chopra
11:45-1:00	<b>Group A:</b> Hands-on training IC-IS applicators (Clinicians) (11:45-12:35) (GJB Foyer) <b>Group B:</b> Applicator characteristics and commissioning of applicators (Physicists) (11:45-12:35) (Board Room) <b>Group A+B:</b> Video of Geneva applicator (12:35-12:50 pm)	All Clinical Faculty/Satish Kohle/Rajesh Bhajbhuj Kari Tanderup (Online)/Yogesh Ghadi/Jeevanshu Jain/Vinay Saini/Subhojit Panda Abhishek Shinghal/Satyajit Pradhan
1:00-1:45 pm	Lunch Break	
1:50-3:00 pm	<b>Group A+B:</b> Feedback on homework (ACT001) (15 mins) (Choksi) <b>Group A:</b> Case Description and target delineation (ACT002) (40 mins) (Choksi) <b>Group B:</b> Applicator reconstruction and planning (40 minutes) (Boardroom) <b>Group A+B:</b> Master contour and treatment planning (ACT 002) (Choksi) (10 mins)	All Faculty
<b>Chair: A Sturdza, B Rai, Y Ghadi (Session Location: Choksi Auditorium/Board Room)</b>		
3:05-3:20 pm (15+5)	Treatment planning recommendations for MR- based adaptive BT (IC/IC+IS): Principles of loading and optimization	Kari Tanderup (Online)
3:20-3:40 pm (15+5)	Tumor control and morbidity considerations: Lessons from MRI-based IGABT with focus on plan evaluation	Remi Nout
3:40-4:05 pm (20+5)	CT/Ultrasound-based brachytherapy and target delineation guidelines	Ekkasit Tharavichitkul
4:05-4:25 pm	Coffee/Tea Break	

### Session II - Vaginal Cancers

#### Chair: S Chopra, E Tharavichitkul (Session Location: Choksi Auditorium)

4:25-4:45 pm (15+5)	Target concept for brachytherapy of primary vaginal cancers	Remi Nout
4:45-5:05 pm (15+5)	Case Examples of vaginal cancer and applicator selection	Cyrus Chagari (Online)
5:05-5:25 pm (15+5)	Treatment planning in primary vaginal cancers and collaborative Initiatives	Remi Nout
5:25-5:30 pm	Summary/Concluding remarks Day 1	Supriya Chopra
7:30 -10:00 pm	Dinner for faculty and participants	TBA

## Mastercourse in Gynecological Brachytherapy

### Friday 9 December 2022

Time	Title	Speaker
<b>Session III - Endometrial Cancer</b>		
<b>Chair: E Tharavachitkul, B Rai (Session Location: Choksi Auditorium)</b>		
8:15-8:25	Introduction to Day 2 Program	Supriya Chopra
8:25-8:45 (15+5)	Brachytherapy for endometrial cancer (postoperative RT): indications, applicator selection and QA aspects	Remi Nout
8:45-9:05 (15+5)	Brachytherapy for medically inoperable endometrial cancer: target delineation, prescription and outcomes	Alina Sturdza
9:05-9:35 (15+15)	Case Example 1: Rotte Y applicator and planning principles (medically inoperable) Case Example 2: IC+IS example, delineation and planning (medically inoperable) (ACT003)	Remi Nout Supriya Chopra
9:35-10:00	Case Based Discussion: Challenging Cases	Prachi Mittal
	Planning principles/Radiobiological considerations/Discussions	All faculty
10:00-10:15	Group Photograph	
10:15-10:30	Tea/Coffee Break	
<b>Session IV – Postsurgical Recurrence: Endometrial/Cervical Cancer</b>		
<b>Chair: SK Shrivastava, A Sturdza, Y Ghadi (Choksi Auditorium + GJB Foyer + Board Room)</b>		
10:35-11:00 (15+10)	Guidelines for target delineation for recurrent endometrial/cervical cancer Interstitial brachytherapy in recurrent cervical cancer: results from phase II study	Remi Nout Supriya Chopra
10:55-11:10 (12+3)	Applicator selection and description for post-surgical recurrences.	Prachi Mittal
11:10-11:50	Case History and Case Description (ACT 004) Video Interstitial brachytherapy for interstitial recurrent endometrial cancer (MUPIT) (ACT004)	Supriya Chopra/P Mittal All faculty
11:50-12:50	Group A: Hands-on training Rotte Y/Interstitial Template (Clinicians) (GJB Foyer)  Group B: MUPIT commissioning and applicator reconstruction (Physicists) (Board Room)	SK Shrivastava/R Nout/S Chopra/B Rai/ A Sturdza/E Tharavachitkul/All faculty Rituraj Upreti/Riteish Mhatre
12:50-1:30	Target delineation/Planning /Evaluation	All Faculty
1:30-2:15pm	Lunch Break	

## Mastercourse in Gynecological Brachytherapy

Session V - Vulva and Periurethral Cancers		
Chair: B Rai, E Tharavichitkul, R Upreti (Session Location: Choksi Auditorium)		
2:15 -2:30 pm (12+3)	Vulva and Periurethral cancers: baseline evaluation, case selection and example of techniques	Supriya Chopra
2:30-3:15 pm (20+20+5)	Case Examples of vulva brachytherapy: Scope and techniques Case Description and Brachytherapy Implant Video	Cyrus Chargari (Online) Supriya Chopra
3:15-3:50 (15+10)	Target delineation: Tips and tricks Implant reconstruction: Tips and techniques	Supriya Chopra/Cyrus Chargari (Online) Yogesh Ghadi/Ritesh Mhatre
3:50-4:15 pm (20+5)	Treatment planning considerations, Prescription and Plan evaluation	Supriya Chopra/Cyrus Chargari (Online)/Bhawna Rai
4:15-4:35	<b>Coffee/Tea Break</b>	
4:35-4:50 pm	Additional dose response considerations for morbidity in vulvo-vaginal cancers	Kari Tanderup (Online)/Remi Nout/Supriya Chopra
4:50-5:05 pm	Second cancers in pelvic region: Results from PORTEC/TME trials Case examples of second primaries with focus on HPV-related second cancers	Remi Nout Supriya Chopra
5:05 pm-5:15 pm	<b>Summary/Concluding remarks Day 2</b>	Supriya Chopra

### Saturday 10 December 2022

Time	Title	Speaker
Session VI: Reirradiation with Brachytherapy for Gynecological Cancers		
Chair: S Chopra, RA Nout (Session Location:13 <sup>th</sup> Floor Homi Bhabha Auditorium)		
9:10-9:15	Introduction to Day 3	Supriya Chopra
9:15-9:35 (15+5)	Evidence and rationale for reirradiation	Alina Sturdza
9:35-9:55 (15+5)	Case selection for reirradiation: Considerations and practical tips and examples	Supriya Chopra
9:55-10:15 (15+5)	Organ at risk tolerance in setting of reirradiation	Jaahid Mulani
10:15-10:35 (10+10)	Dose accumulation for multicourse reirradiation	Ankita Gupta Jeevanshu Jain
10:35-10:55 (10+10)	Outcomes of (re)RT in oligorecurrent cancers: Tata Memorial Centre	Lavanya Gurram Supriya Chopra
10:55-11:15 (15+5)	Ongoing collaborative initiatives for gynecological reirradiation: RetroCOSMOS	Supriya Chopra Remi Nout
11:15-11:35	<b>Coffee/ Tea Break</b>	
Session VII - Brachytherapy Training and Programme Scale Up		
11:40-12:05 (8+8+8)	Results of GEC ESTRO international survey Results of GEC ESTRO India survey Brachytherapy skills training and assessment: Learning curve	Alina Sturdza Prachi Mittal Supriya Chopra
12:05-12:25 (10+10)	Transition to advanced techniques: Impact on departmental workflows Automated brachytherapy treatment planning	Supriya Chopra Remi Nout
12:25-12:45	<b>Feedback, closing remarks and discussion/Valedictory</b>	All