



BrachyAcademy

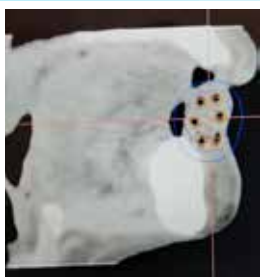


# Mastercourse in Head Neck and Breast Brachytherapy

**Organised By :**  
**Department of Radiation Oncology  
and  
Medical Physics  
Tata memorial Centre  
in Collaboration with Brachyacademy**

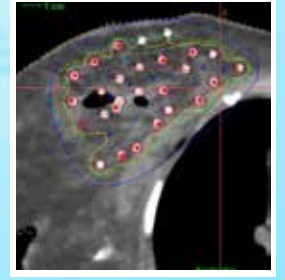


**27-29**  
**April 2023**



**“ Block the dates ”**

**Course Director:** Dr Ashwini Budrukkar



**Venue:** Tata Memorial Hospital

**Limited seats for Hands on Training**

## **Course description**

This 3 day course will be focused on introducing and demonstrating concepts and processes of brachytherapy for head neck and breast cancer. The course will cover various aspects of brachytherapy which includes patient selection, instruments, techniques, planning and implementation of brachytherapy for these sites. Brachytherapy for various sub sites of head and neck such as oral cavity, oropharynx, skin cancer in head neck region, nasal vestibule and eyelid cancers will be covered. In breast cancer, brachytherapy for accelerated partial breast irradiation as well as boost in breast conserving treatment and chest wall brachytherapy will be included. These will be covered in the form of didactic lectures and video demonstrations. There will be hands on training on the planning system for the planning of brachytherapy for these sites.

## **Target audience**

Radiation oncologist interested in head neck and breast brachytherapy and who intend to start the brachytherapy program at their centre or enhance their existing skills will be the suitable candidates for this course

Similarly medical physicist who would like to develop or enhance their skills of planning of brachytherapy for these sites would benefit from this course.

The team of radiation oncologist and medical physicist will be preferable so that the knowledge gained during the course can be implemented at their centre.

## **Expected knowledge at course completion**

At the completion of the course participants will have knowledge to start brachytherapy program for head neck and breast cancer at their centre. They will have knowledge regarding selecting the right candidate for brachytherapy, preparing the operating room, technique of brachytherapy, planning and implementation of brachytherapy

## Course chairmen



JP Agarwal



R Kinnhikar

## Course Director



Ashwini Budrukkar

## Course co-ordinator (Head Neck)



Ashwini Budrukkar

## Course co-ordinator (Breast)



Tabassum  
Wadasadawala

## Master Course faculty



Jose Luis Guinot



Tibor Major



Ashwini Budrukkar



Sarbani Ghosh Laskar



Rajiv Sarin



Tabassum  
Wadasadawala



Rituraj Upreti

## Local Organising faculty



Monali Swain



Rima Pathak



Swetabh Sinha



Anuj Kumar



Shrikant Kale



Priyadarshini  
Sahoo



Avdhoot Sutar

## Course fee

### SAARC Countries and Africa

Per Participant:	17,000 INR
Team (Radiation Oncologist+Medical Physicist):	30,000 INR

### Others

Per Participant:	30,000 INR
Team (Radiation Oncologist+Medical Physicist):	50,000 INR

### India

Per Participant:	9,000 INR
Team (Radiation Oncologist+Medical Physicist):	15,000 INR

Due to limited seats, candidates will be selected for the course.

For Pre- registration kindly click the link below

<https://www.brachyacademy.com/events/master-course-in-head-neck-and-breast-brachytherapy/>

Selected candidates will be notified on email with payment link.

For course related queries

Email: [info@brachyacademy.com](mailto:info@brachyacademy.com). [brachymastercourse@gmail.com](mailto:brachymastercourse@gmail.com), [radonco@tmc.gov.in](mailto:radonco@tmc.gov.in)

## Venue

Tata Memorial Hospital, Dr. E Borges Road, Parel, Mumbai - 400012, India



## Preliminary agenda , Thursday, 27th April : Day 1

Time	Topic
08.15-08.45	Registration
08.45-09.00	Inauguration and introduction to the topic
<b>Session I</b>	<b>Oral cavity cancers</b>
09.00-09.30	Role of brachytherapy in oral cavity cancers: Principles, Indications, Techniques, Evidence
09.30-09.45	Brachytherapy Instruments and Preparation of Operation Theatre
09.45-10.00	Video of Lower lip cancer
10.00-10.15	Video of buccal mucosa cancer
10.15-10.30	Photo-presentation-upper lip cancer
10.30-11.00	Tea Break
<b>Session II</b>	<b>Oropharyngeal cancers</b>
11.00-11.30	Brachytherapy for oropharyngeal cancers: Indications, techniques, evidence
11.30-11.45	Video of floor of mouth cancer
11.45-12.00	Case presentation: Tonsil, Soft palate brachytherapy
12.30-12.45	Case presentation: Base of tongue brachytherapy with loop technique
12.45-01.00	Discussion
01.00-02.00	Lunch
<b>Session III</b>	<b>Physics of head neck brachytherapy</b>
02.00-02.30	Planning of oral cavity and oropharyngeal cancers
02.30-04.00	Planning demonstration on the planning system and hands-on planning
02.30-03.00	Case presentation- Lower lip cancer/Buccal mucosa
03.00-03.30	Case Presentation-Tongue/Base of tongue cancer
03.30-04.00	Case presentation- Tonsil / Soft palate
04.00-04.15	Discussion
04.15-04.30	Tea Break
<b>Session IV</b>	<b>Implementation of Brachytherapy</b>
04.30-04.50	Care during/after Brachytherapy
04.50-05.10	Execution of Brachytherapy
05.10-05.30	Removal of catheters, precautions and possible adverse events

## Preliminary agenda , Friday, 28th April : Day 2

Time	Topic
<b>Session V</b>	
<b>Skin cancers</b>	
08.30-09.00	Brachytherapy for skin cancer: Indications, techniques, evidence
09.00-09.30	Brachytherapy for nasal vestibule
09.30-10.00	Surface mould brachytherapy- patient selection, evidence, technique
10.00-10.15	Video of surface mould brachytherapy <ul style="list-style-type: none"><li>- Nose</li><li>- Pinna</li></ul>
10.15-10.30	Discussion
10.30-11.00	Tea Break
11.00-11.30	Eyelid brachytherapy
11.30-11.45	Video of eyelid brachytherapy
11.45-12.00	Video of eyelid brachytherapy for skin cancer
12.00-12.15	Discussion
12.15-01.00	Hands on training <ul style="list-style-type: none"><li>- Lip brachytherapy</li><li>- Buccal mucosa</li><li>- Skin brachytherapy</li></ul>
01.00-02.00	Lunch
<b>Session VI</b>	
<b>Planning of surface moulds</b>	
02.00-02.30	Practical aspects of planning of surface mould
02.30-03.30	Hands on training-of planning aspects <ul style="list-style-type: none"><li>- Case presentation: Surface mould Nose</li><li>- Case presentation: Surface mould Pinna</li><li>- Case presentation: Eyelid/Skin brachytherapy</li></ul>
03.30-04.00	Tea Break
<b>Session VII</b>	
<b>Miscellaneous techniques and tumours</b>	
04.00-04.30	Intraoperative brachytherapy- indications, techniques, outcomes
04.30-05.00	Brachytherapy for lymph nodes- indications, techniques, evidence
05.00-05.15	Case presentation- Salvage brachytherapy/node brachytherapy/ Intraoperative BT
05.15-05.30	Concluding remarks for HN brachytherapy, feedback from the participants

## Preliminary agenda , Saturday, 29th April : Day 3

Time	Topic
<b>Session VIII Principles of breast brachytherapy</b>	
08:30 – 08:45	Welcome and program overview
08:45 – 09:15	Breast brachytherapy for APBI: Principles & Practice
09:15 – 09:45	Breast Boost brachytherapy: Principles & Practice
09.45 – 10:00	Chest wall brachytherapy
10.00 – 10:30	Breast brachytherapy planning & dosimetric indices
10:30 – 11:00	Coffee/ Tea Break
<b>Session IX Live demonstration</b>	
11:00 – 12:15	Interstitial brachytherapy procedure in OT
12:15 – 01:00	Physicists – HDR machine / Source / TPS / networking aspects & QA for interstitial brachytherapy
01:00 – 02:00	Lunch
<b>Session X Hands on training and Physics of breast brachytherapy</b>	
02:00 – 02:30	Interstitial brachytherapy procedure on silicone breast moulds by participants
02:30 – 03.00	Catheter reconstruction and target delineation
03:00 – 03:30	Plan optimization, plan review & finalization
03:30 – 03:45	Indian brachytherapy guidelines for breast brachytherapy
<b>Session XI Post brachytherapy care and sequelae</b>	
03.:45– 04:00	Care of the patient with implant - Pictorial lecture
04:00 – 04.15	Reducing complications & toxicities in breast brachytherapy: tips and tricks
04.15 – 04:30	Cosmetic outcomes and quality of life with breast brachytherapy
04:30 – 05:00	Coffee / Tea Break
05:00 – 05:15	Discussion and feedback