



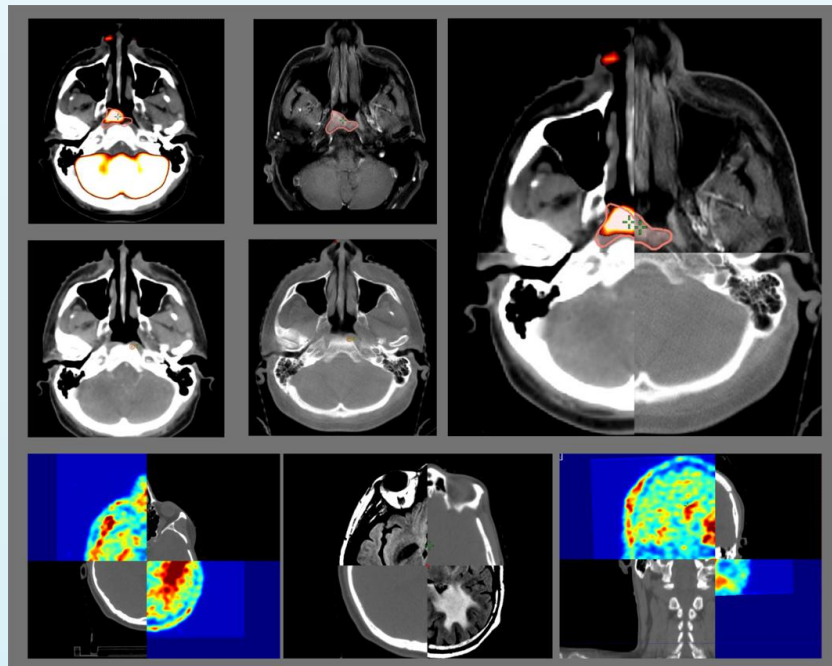
# XX<sup>th</sup> Annual TMH

## Radiotherapy Practicum

### Multimodality Imaging in Radiation Oncology

“See the world in a grain of sand”

2<sup>nd</sup>-3<sup>rd</sup> September 2022



**Tata Memorial Centre**

Departments of Radiation Oncology  
&  
Medical Physics

Modern radiation oncology practice is a testament to the old adage that “A picture is worth a thousand words”. The so-called therapeutic gain that can be achieved by maximizing tumor control and minimizing acute and late toxicity is dependent on delivering high precision radiotherapy which in turn is critically dependent on a thorough understanding of images and the augmented capacity provided by analysis and fusion of disparate but complementary imaging modalities. Accordingly, the theme of this year’s Radiotherapy Practicum is “Multimodality Imaging in Radiation Oncology”. Over the course of a two-day period comprising of didactic lectures and practical demonstrations by renowned national and international faculty, we would attempt to bring forth a simplistic and yet a comprehensive understanding of current cross-sectional imaging modalities used in clinical high-precision radiotherapy planning in the contemporary era. During the course of the Practicum, our endeavour would be to cover the following focus areas

1. Overview of cross-sectional imaging modalities (CT, MRI, PET)
2. Multimodality image fusion and registration
3. Usage of multimodality image fusion in contouring (CNS, Head & Neck, Lymphomas)
4. Imaging as a trigger for adaptive radiotherapy, verification
5. Multimodality imaging in response assessment CNS, Head & Neck, Lymphoma)
6. Multimodality imaging in predicting TCP and NTCP
7. Newer imaging modalities in the anvil for the radiotherapy processes

### **Organizing Chairman**

**J. P. Agarwal**

**Professor and Head  
Radiation Oncology**

### **Organizing Secretary**

**Jayant Sastri Goda**

**Radiation Oncologist**

### **Coordinating Committee Members**

**Sarbani Ghosh Laskar (Radiation Oncologist)**

**Abhishek Chatterjee (Radiation Oncologist)**

**Anuj Kumar (Radiation Oncologist)**

**R. A. Kinhikar (Medical Physicist)**

**Biju George (Radiotherapy Technologist)**

**Department of Radiation Oncology & Medical Physics,  
TMC, Mumbai**

## Application Process (Only on E-mail)

- This practicum is meant for Radiation Oncologists, Medical Physicists and Radiotherapy Technologists practicing high precision radiotherapy using multimodal radiological and functional imaging.
- We request interested candidates to kindly apply with a completely filled “**Pre-Registration Form**” by “**E-Mail only**” to the conference secretariat at the following address: [tmhpracticum2022@gmail.com](mailto:tmhpracticum2022@gmail.com).
- The last date to send the Pre-registration form is “**30<sup>th</sup> May 2022**”
- The course is limited to **60** participants only.
- Applicants with an available multimodality imaging facility and IG-IMRT access will be preferred.
- The “Confirmation of participation” will be informed by e-mail to the applicants by **7<sup>th</sup> June 2022**. The final registration and payment process will be notified then.
- Maharashtra Medical Council credit points are being applied for

**Course Fee:** INR 7000/person (India and SAARC countries)  
Other Countries: USD 200 /person

In case of Group Applications (2-3 RO/MP/RTT) from the same institutions, each applicant needs to send the filled form separately and the fee will be Rs. 7000 per person.

### Conference Secretariat :

Clinical Research Secretariat & DAE-CTC  
Main Building, 3rd Floor, Tata Memorial Hospital  
Parel, Mumbai 400012 (INDIA)  
Ph: +91 22 24177000 extn: 4254  
E-mail: [tmhpracticum2022@gmail.com](mailto:tmhpracticum2022@gmail.com)  
Fax +91 22 24168604  
Website: <https://tmc.gov.in>

## Pre - Registration Form:

I am interested in the Practicum; (Please fill in all details below)

Name: .....

(As on badge)

Qualifications: .....

Designation: ..... Institution: .....

Address for Correspondence: .....

.....

.....

Phone:(+91.....)

E-mail: .....

### Pre-registration requests close on “30th May 2022”

The “Confirmation of Selection” will be sent to delegates by 7<sup>th</sup> June 2022 via e-mail

**Note: This practicum is intended for Radiation Oncologists and Medical Physicists and RTT's preferably from the same institute. Kindly click the link to fill the survey . Each applicant should send the filled survey form separately.**

Kindly fill the following survey as a necessary step

#### Survey link:-

[https://docs.google.com/forms/d/e/1FAIpQLSeaNb7c2jG9CK2oenK53Rts5OPCZf\\_xmY\\_sya\\_zWQoLXLE3-fg/viewform?usp=sf\\_link](https://docs.google.com/forms/d/e/1FAIpQLSeaNb7c2jG9CK2oenK53Rts5OPCZf_xmY_sya_zWQoLXLE3-fg/viewform?usp=sf_link)

**\*Incomplete “Pre - Registration forms” will not be accepted**



**Tata Memorial Centre  
Dr Ernest Borges Marg, Parel  
Mumbai 400012, India**