



Conference

Conference Details

Adv No. : XXATRP2022
Conference Name : XXth Annual TMH Radiotherapy Practicum
Conference Venue : r Radiation Oncologists and Medical Physicists and RTT's, Tata Memorial Centre, Dr Ernest Borges Marg, Parel ,Mumbai 400012, India
Conference Dates : 02-09-2022 To 03-09-2022

Description

XXth Annual TMH Radiotherapy Practicum Multimodality Imaging in Radiation Oncology "See the world in a grain of sand"

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

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Cancellation details

Conference Files

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Conference Documents

Document Name : Survey link Document Link : https://docs.google.com/forms/d/e/1FAIpQLSeaNb7c2jG9CK2oenK53Rts5OPCZf_xmY_syazWQoLXLE3-fg/viewform?usp=sf_link