



Tata Memorial Centre

Departments of Radiation Oncology and Medical Physics

XIIth TMH ANNUAL RADIOTHERAPY PRACTICUM

TEACHING COURSE / WORKSHOP ON

RADIOTHERAPY IN LUNG CANCER

10th -11th October 2014 (Friday & Saturday)

Content of the course/workshop:

- ❖ Positioning/Immobilization
- ❖ Imaging, Fusion and Segmentation
- ❖ Planning/Evaluation
- ❖ Motion management
- ❖ 3DCRT/IMRT/SBRT
- ❖ Verification/IGRT
- ❖ Quality Assurance



This teaching course is the 12th in the series of Annual “Radiotherapy Practicum” organized at the Tata Memorial Hospital, Mumbai every year. The course is aimed at radiation oncologists, medical physicists and radiation technologists. Basic knowledge of radiation oncology and medical physics are a prerequisite. Some experience of CT-based treatment planning will be useful. The course will be interactive through the integration of didactic lectures, demonstrations, practical exercises (“hands on”) and discussing real case scenarios with experts.

Course Chairperson: Dr S.K. Shrivastava

Course Co-ordinator: Dr J.P. Agarwal

Course Secretary: Dr S Ghosh Laskar /Dr S Misra

Proposed Scientific Programme

Radiation oncology has seen a flurry of technological advances. Remarkable progress has been made in delivery aspects of radiation from conventional 2D to 3DCRT and intensity modulation. This teaching course has been based on the theme “**convention to innovation**” and will be focused on optimization of radiotherapy in lung cancer.

The scientific content has been structured to elucidate the nuances in radiotherapy with respect to target volume and OAR delineation, motion management, dose constraints and plan evaluation. Hands on practical demonstration of 4D acquisition, image fusion, contouring, planning and verification will be done. The role of medical physics in this age of precision radiotherapy cannot be underestimated. Various aspects of physics with emphasis on quality assurance will be dealt with. The practical demonstrations will be preceded by lectures & followed by discussions on these aspects by international and national experts.

The objective of this training workshop is to provide a transfer of technical and clinical know-how on the state-of-art practice in lung cancer radiotherapy to the radiation oncology community in India and her neighbouring countries. We also intend to use this workshop as a platform for exchanging views on various issues related to the optimal utilization of radiotherapy in lung cancer especially in context of Indian practices.

We hope that you receive good value for the time you spend with us.



Pre - Registration Form:

I am interested in the Practicum; please send me further details (Please fill all details below)

Name: Qualifications:

Designation: Professor/ Associate/ Assistant/Student

Institution:

Address for Correspondence:

.....

.....

...

Phone:(0.....)..... Facsimile :(0.....).....

Email: 1).....2)

Are you practicing 3DCRT (**Yes / No**)/ IMRT(**Yes / No**)/IGRT (**Yes / No**)at your centre?;

If No are you likely to start 3DCRT/IMRT/IGRT in near future (**Yes/ No**):

Are you practicing SBRT at your centre? (**Yes / No**);

Approximately how many Lung cancer patients are seen at your centre annually?

Approximately how many Lung cancer patients are treated (with radical intent) at your centre with radiotherapy annually?

Important: Please send your registration fee draft only after you have received confirmation of your registration from us.

Expression of interest for the workshop to be communicated via **EMAIL ONLY** by sending the filled Pre-registration form

PLEASE NOTE THERE WILL BE NO PHYSICAL BROCHURE FOR THE MEETING.

Kindly send this Pre - registration Form by Email: radonco@tmc.gov.in

Pre - registrations close on 30th June 2014.

(Confirmation and registration will be sent on 10th July 2014 by email)

Registration

Advance registration and payment are essential on receipt of registration confirmation from us. The course is limited to 40 participants only.

Registration fees: Rs 6000 for a single participant if received on or before 31st July2014 and Rs 7500 if received after 31st July 2014

For further details: Please contact

Dr J.P.Agarwal

Department of Radiation Oncology

Tata Memorial Hospital

Parel, Mumbai – 400 012 (INDIA)

Tel: +91-22 24177000 Ext: 7151/ 7164

Fax +91-22 24146937, 2414 6747

Email: radonco@tmc.gov.in