



REGISTRATION FORM



ESTRO SCHOOL - AROI
TEACHING COURSE
ADVANCED TECHNOLOGIES
IN RADIATION ONCOLOGY

6th - 9th December 2015

Max Cancer Centre, Saket, New Delhi - 110017 (India)

Bank details for online payments:

1. Name of the bank: Axis Bank Ltd.
2. Name of the branch: K-12, Green Park Main, New Delhi- 110016
3. Account No.: 015010200023445
4. NEFT/RTGS CODE: UTIB0000015
5. 9 digit MICR Code: 110211003

Name: _____

AROI-Membership: _____

Designation: _____

Name and Address of the institute: _____

Email ID: _____ Mob.: _____

Amount Rs _____

Bank payment details: DD/ Chq No.: _____

Bank/ Branch: _____ DD/Cheque in favour of "Devki Devi Foundation" payable at New Delhi. Payment can also be made by bank transfer, attach the payment receipt.

Signature

Mail to: estro.aroi@maxhealthcare.com
Ms Meenakshi (Programme Coordinator, Radiation Oncology Max Cancer Centre)
Max Super Speciality Hospital, Saket, New Delhi - 110017, INDIA

target group

The course is aimed at Radiation Oncologists, Radiation Physicists and Radiation Therapists (RTTs) who will participate in advanced technologies like IMRT and IGRT in their department. Some experience in the field of conformal therapy, target delineation and treatment planning is desirable. Making advanced technologies work is a team effort therefore simultaneous participation of the three disciplines is strongly recommended.

course aim/rationale

The aim of the course is to provide:

- Understanding of the principles and background of IMRT and IGRT
- Knowledge of the impact of various geometrical uncertainties and where they can be minimised
- Knowledge of QA of IMRT and IGRT
- An overview of available techniques, being able to choose between techniques and knowledge of their limitations
- Planar and 3D in room imaging
- Workflow and efficiency at the department for implementation of IMRT and IGRT
- Clinical rationale, limitations and evidence for advanced technologies
- Knowledge of inverse treatment planning optimisation, biological optimisation and dose painting

learning outcomes

- By the end of this course participants should be able to:
- Implement IGRT and IMRT in their own clinic
 - Be able to tailor IGRT and IMRT to their specific home situation

- On-site demonstrations of advanced techniques
- Panel and participants discussion: IMRT and IGRT, the case pro and against
- Dose volume constraints
- Methods of optimisation
- Dosimetry of IMRT
- Imaging and target delineation
- Geometrical uncertainties
- Planar and volumetric imaging
- Image registration
- Setup correction strategies
- Clinical sessions on thorax, pelvic, and head and neck cancer covering the interaction of physics and clinic
- Workflow in the clinic including "how they do that" tips

course content

teaching methods

26 hours lectures
04 hours demonstrations

methods of assessment

Evaluation Form



ESTRO SCHOOL - AROI TEACHING COURSE

ADVANCED TECHNOLOGIES IN
RADIATION ONCOLOGY



NEW DELHI
6th - 9th December 2015

Venue:
SHERATON HOTEL
District Centre, Saket, New Delhi
(6th Dec 2015)
AUDITORIUM, MAX SAKET
(7th - 9th Dec 2015)

Organised by:
MAX CANCER CENTRE
Max Super Speciality Hospital
Saket, New Delhi - 110017, INDIA

**ESTRO SCHOOL - AROI TEACHING COURSE
ADVANCED TECHNOLOGIES
IN RADIATION ONCOLOGY**

Dear Colleagues and Friends

I am pleased to inform that the department of Radiation Oncology, Max Cancer Centre, Max Super Speciality Hospital, New Delhi, is privileged to host the ESTRO-AROI teaching Course. The theme of the teaching course is "Advanced Technologies in Radiation Oncology."

We all recognize that newer technologies like Intensity Modulated Radiation Therapy (IMRT), Image Guided Radiation Therapy (IGRT), Stereotactic Radiosurgery (SRS), Stereotactic Body Radiation Therapy (SBRT) and Gating have contributed to the improvement in tumor control but more importantly there has been significant reduction in long term morbidities associated with radiation therapy.

However, advanced technologies have brought in new challenges in adopting these techniques. Due to tight margins around the tumor, fine collimators and rapid fall-off of the dose around the tumor margin, high level of quality assurance is needed at every step of radiation therapy - tumor delineation, treatment planning, image guidance, treatment execution etc. Much higher level of training is required for all the participants of Radiation delivery - viz - Radiation Oncologists, Medical Physicists, Dosimetrists and Technologists. It is specially challenging for new radiation oncology centres who are adopting these technologies from the so called "conventional" techniques.

This ESTRO-AROI teaching course is focused on these requirements of various Radiation Oncology Centres of India.

The eminent faculty from ESTRO and India will deliver lectures on advanced technologies in Radiation Oncology, along with hands on demonstration on contouring, Quality assurance and treatment executions.

On behalf of the organising committee, I feel honored in inviting you all to actively participate in the teaching programme. This teaching programme is for 4 days, from 6th - 9th December 2015, to be held at Max Super Speciality Hospital, 2, Press Enclave Road, Saket, New Delhi-110017. Hands on workshop would also be conducted at Max Super Speciality Hospital, Saket, New Delhi.

I am sure you all will be enlightened with the scientific feast. Looking forward to your active participation in making this scientific event a grand success.

Dr. Anil K Anand
(Course Coordinator)
Director, Radiation Oncology, Max Cancer Centre
Max Super Speciality Hospital, Saket, New Delhi - 110017, India

faculty

COURSE DIRECTOR (ESTRO)

Coen Rasch
Radiation Oncologist,
Academisch Medisch Centrum, Amsterdam (NL)

FACULTY (ESTRO)

Sara Broggi
Physicist, Istituto Scientifico San Raffaele,
Milano (IT)

Rianne de Jong
Radiation Technologist, The Netherlands
Cancer Institute, Amsterdam (NL)

Tom Depuydt
Physicist, UZ Brussel (VUB), Brussels (BE)

Andrew Hope
Radiation Oncologist, Princess Margaret Hospital,
Toronto (CA)

Uwe Oelfke
Physicist, Institute of Cancer Research, London (GB)

Marco Schwarz
Physicist, ATreP, Agenzia Provinciale per la
Protonterapia, Trento (IT)

Jan-Jakob Sonke
Physicist, The Netherlands Cancer Institute,
Amsterdam (NL)

FACULTY (AROI)

Dr. S. Lashkar
Associate Professor, Radiation Oncologist,
Tata Memorial Centre, Mumbai

Dr. T. Ganesh
Chief Medical Physicist, Fortis Memorial
Research Institute, Gurgaon

Dr. S. Dayananda
Chief Medical Physicist, Kokilaben Dhirubhai
Ambani Hospital, Mumbai

Mr. S. Satya Narayanan
Chief Medical Physicist, Ruby Hall Hospital, Pune

Dr. V. Kannan
Chief Et Consultant for Radiation Oncology Services,
P D Hinduja National Hospital and Medical Research
Centre, Mumbai

Dr. P. Vijay Anand Reddy
Director Et Senior Consultant, Apollo Speciality Hospitals,
Hyderabad

Dr. Umesh Mahantshetty
Assistant Professor, Radiation Oncology, Tata Memorial
Centre, Mumbai

Dr. Anil K. Anand
Director, Radiation Oncology, Max Cancer Centre,
New Delhi

LOCAL ORGANISING COORDINATORS

Course Coordinator- AROI
Dr. A K Anand

Dr. Charu Garg
Mr. R K Munjal

LOCAL ORGANISING COMMITTEE

Dr. Amal Roy Chaudhoory	Dr. Jyotika jain	Mr. Deepak Arora
Dr. Indu Bansal	Dr. Anil K Bansal	Mr. Rakesh Kaul
Dr. Anirudh Punnakal	Mr. Kartikeswar Patro	Mr. Ravindran Gopal
Dr. Vineeta Goel	Mr. H Malhotra	

AROI OFFICE BEARERS

Dr. M.C. Pant (President)	Dr. U.P. Shahi (Vice President)	Dr. V. Srinivasan (Junior Vice President)	Dr. Rajesh Vashistha (Secretary General)
------------------------------	------------------------------------	--	---

CONTACT PERSONS

Dr. Anil K Anand (Director, Radiation Oncology)
9810398838, akanand@maxhealthcare.com

Dr. Charu Garg (Sr Consultant, Radiation Oncology)
9818202207, dr.charu.garg@maxhealthcare.com

Mr. R.K. Munjal (Chief Medical Physicist)
9810011314, ram.munjal@maxhealthcare.com

Total Number of Seats
100
(first come first confirmed)

Registration	AROI Members	Non Members
Early Registration Fee (7th Sept 15)	10,000	12,000
Up to 31st Oct 15	12,000	14,000

(Joint registration of one radiation oncologist, one medical physicist and one RTT, from same institute will be only charged Rs. 20,000/ for early registration and Rs 25,000/ for late registration).

Last date for refund:
5th November 2015 (after deducting 15% administrative charges)

ACCOMMODATION:
The accommodation has to be taken care of by the participant.
List of hotels would be provided on the AROI website in due course.