



CANCER INSTITUTE (WIA)

Indian College of Radiation Oncology (ICRO)
Academic Wing of
Association of Radiation Oncologists of India (AROI)

53rd ICRO PG Teaching Program

4th & 5th July 2026

On

“THORACIC MALIGNANCIES”

Organising Institute

Department of Radiation Oncology,
Cancer Institute (WIA),
Adyar, Chennai

Venue

First floor Auditorium,
Bhagwan Adinath Jain Complex,
S. Krishnamurthy Campus, Cancer Institute (WIA)



This educational initiative is supported by



a SUN PHARMA division

Course Goal

This course in Thoracic malignancies aims to provide radiation oncology residents with a comprehensive and clinically relevant understanding of the role of radiotherapy in the management of thoracic cancers. It will focus on key disease sites including breast cancer, lung cancer, mediastinal tumors (such as lymphomas and thymic malignancies), and spinal tumors, encompassing both primary and metastatic conditions.

The program is designed to strengthen core competencies in patient selection, multidisciplinary decision-making, and the evidence-based integration of radiotherapy with systemic therapies, including chemotherapy and targeted agents, across diverse clinical scenarios. Emphasis will be placed on the principles and practice of combined modality treatment, particularly the indications, timing, and delivery of concurrent and sequential chemoradiation. In addition, the course will highlight the critical role of palliative radiotherapy in thoracic malignancies, including symptom control, oncologic emergencies such as spinal cord compression, and strategies to improve quality of life in advanced disease.

Technical aspects will include accurate target volume delineation, treatment planning, and the application of advanced radiotherapy techniques such as IMRT, IGRT, and SBRT. Special attention will be given to motion management including DIBH, organ-at-risk sparing, and strategies to minimize acute and late toxicities, particularly in anatomically complex thoracic regions.

Through a combination of didactic sessions and case-based discussions, the course seeks to bridge the gap between theory and practice, enabling residents to confidently apply contemporary radiotherapy principles in both curative and palliative settings, improve therapeutic outcomes, and enhance patient safety. As a part of this course, we will be demonstrating surface guided radiation therapy (SGRT) in thoracic malignancies as a workshop demonstration with actual cases for the residents attending the program.

Organising Institute

Cancer Institute (WIA), Adyar – Legacy, Excellence and Impact

The Cancer Institute (WIA) stands as one of India's most iconic cancer centres, with a legacy spanning over seven decades. Founded in 1954 by Dr. Muthulakshmi Reddy, the Institute was built on a vision of equitable, compassionate, and high-quality cancer care. From its beginnings as a modest charitable hospital, it has evolved into a comprehensive, state-of-the-art cancer centre of national and international repute. This remarkable journey was shaped by visionary leaders such as Dr. S. Krishnamurthi, who played a pivotal role in establishing surgical oncology and expanding the Institute's clinical and academic foundations, and Dr. V. Shanta, whose transformative leadership over several decades elevated the Institute to global prominence. Dr. Shanta's unwavering commitment to patient-centred care, affordability, and ethical oncology practice became synonymous with the ethos of the Institute.

The Institute has been a trailblazer in oncology in India, introducing several firsts, including the country's earliest departments of medical oncology, paediatric oncology, nuclear medicine, and medical physics, as well as Asia's first cobalt teletherapy unit. Its contributions have shaped the development of modern cancer care in India, emphasizing multidisciplinary treatment and early adoption of combined modality therapy.

A defining strength of the Institute is its exceptional faculty, comprising highly skilled clinicians, surgeons, radiation and medical oncologists, pathologists, and scientists who are leaders in their respective fields. The faculty's commitment to academic excellence is reflected in robust postgraduate and super specialty training programs, multidisciplinary tumor boards, and a strong culture of mentorship. Generations of oncologists trained here continue to contribute significantly to cancer care across India and globally.

The Department of Radiation Oncology is a cornerstone of the Institute's clinical and academic services, equipped with state-of-the-art external beam radiotherapy (EBRT) and advanced brachytherapy facilities. With modern treatment technologies and precision-driven workflows, the department delivers high-quality, evidence-based radiotherapy across a wide spectrum of malignancies. It manages a high patient volume, catering to approximately 300 patients daily, with 2,500–3,000 new patients treated annually, reflecting both its clinical expertise and the trust it commands. The department is equally committed to high-quality postgraduate training in radiation oncology, fostering the next generation of specialists through structured teaching, mentorship, and hands-on clinical exposure. In addition, it plays a vital role in training allied health professionals through programs such as BSc Radiotherapy Technology and Medical Physics, contributing to capacity building in the oncology workforce.

The Institute is also recognized for its groundbreaking research, particularly in areas relevant to low- and middle-income settings. Its work spans clinical trials, translational research, cost-effective treatment strategies, and implementation research aimed at improving access and outcomes. The integration of research into routine clinical practice ensures that patients benefit from evidence-based, contextually relevant innovations.

Equally impactful are its preventive and outreach services, which extend cancer care beyond hospital walls into remote districts of Tamil Nadu. By combining clinical excellence, academic leadership, innovative research, and community outreach, the Institute continues to set benchmarks in oncology, remaining a cornerstone of cancer care in Southern India and across the nation.

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REGISTRATION

Scan the below QR code to register for the program

SCAN ME



For Indian students

- 2nd and 3rd year MD / DNB (Radiation Oncology) Postgraduate students to be nominated by the Head of the Departments / Institutes.
- A maximum of two postgraduates per institute are allowed to participate in one ICRO programme.
- Each postgraduate can attend the ICRO programme only once during their course (MD/DNB).
- AROI membership is mandatory to be part of the program. If not registered, please register and attach the same while filling the QR code.
- Registration will be based upon first-cum-first-served basis.
- Last date for submission of application : 24th June 2026.
- Candidates will have to pay Registration fee of Rs. 1,500/- upto 24th of June 2026. (Post 24th of June 2026 Rs. 2000) through online payment mode only. Account details for the same mentioned below.

Bank: State Bank of India

Account Name: AROI - ICRO

Account No: 39535445525

Address: Millerganj, Ludhiana

IFSC CODE: SBIN0000731

- After making the payment, upload the payment receipt along with the registration details through QR code.
- It is compulsory for the students to attend on both the days to avail the certificate distributed during the end of program. Failing to this no reasons will be entertained and the respective head of the department will be intimated too if the student is found absent on any of the days.

For FARO members & SAARC countries:

- Registration fee is 30USD
- After making the payment, please mail the payment receipt to secretaryicro@gmail.com, & secretaryaroi@gmail.com
- For any correspondence please contact Secretary, ICRO at secretaryicro@gmail.com or the decision of ICRO body will be final and binding

AGENDA

Day-1 : 4 th July, Saturday 2026			
S.No	Topic	Topic	Speaker
Session 1 : Breast Cancer			
<u>Chairpersons</u> Dr. T N Vijayasree, MMC Chennai, Dr. V Srinivasan, MIOT, Chennai			
1	08:30-09:15 AM	Registration	
2	09:15-09:30 AM	Welcome Address	Program Director, Dr. Priya Iyer
3	09:30-10:00 AM	Radiotherapy in Thoracic Malignancies: Principles, Scope and Contemporary Challenges	Dr. K. S. Kirushna Kumar, MMHRC, Madurai, Tamilnadu
4	10:00-10:30 AM	Adjuvant Radiotherapy in Breast Cancer: Indications, Evolving Evidence, and Controversies	Dr. A. Ramya MD (Radiotherapy) TNGMSSH, Omundurar, Chennai
5	10:30-11:00 AM	Hypo fractionation, Ultra-hypo fractionation and DIBH: Current Standards and Future Directions	Dr VikramMaiya M, Manipal Hospital Yelahanka, Bangalore
	11:00-11:45 AM	Inauguration	
	11:45-12:00 AM	Tea/Coffee Break	
6	12:00-12:30 PM	Molecular Profiling in Breast Cancer: Can Biology Guide Radiotherapy?	Dr. S. N. Senapati President AROI
7	12:30-01:00 PM	Regional Nodal Irradiation in Breast Cancer: How Much is enough?	Dr. Durgapoorna, Aster Medcity, Kochi
	01:00-02:00 PM	Lunch Break	
Session 2 : Lung Cancer			
<u>Chairpersons</u> Dr. Manoj Gupta, Dehradun, Dr. Mahadevan, Apollo, Chennai			
8	02:00-02:30 PM	SBRT in Early-Stage Lung Cancer: Patient Selection and Contouring Pearls	Dr. Shyam Singh Bisht Medanta The Medicity, Gurugram
9	02:30-03:00 PM	Concurrent Chemo-radiation in NSCLC: Indications and Practical Nuances	Dr. MaitrikJayantkumar Mehta (MD) GCRI, Civil Hospital, Ahmedabad, Gujarat
10	03:00-03:30 PM	Target Volume Delineation in Locally Advanced NSCLC: A Practical Approach	Dr. Prahlad H Y MGM Cancer Institute, Chennai
	03:30-04:00 PM	Tea/Coffee Break	
11	04:00-04:30 PM	Motion Management in Lung Radiotherapy: From 4DCT to SGRT	Dr. Anand Narayan C Kovai Medical Centre and Hospital, Coimbatore
12	04:30-05:00 PM	Radiation-Induced Toxicity in Lung Cancer: Balancing Efficacy and Safety	Dr. L. Sofia Rajesh, MD., GVN Cancer Institute, Trichy
13	05:00-05:30 PM	Adaptive Radiotherapy and AI in Lung Cancer: Promise, Practice, or Hype?	Dr. Balu Krishna Sasidharan Ida B Scudder Cancer Center CMC, Vellore

AGENDA

Day-2 : 5 th July, Sunday 2026			
S.No	Topic	Topic	Speaker
Session 3 : Mediastinal and Spinal Tumors Chairpersons Dr. S N Senapati, Dr. Madhu C S			
1	09:00-09:30 AM	Mediastinal Lymphomas: Navigating Complexity and Optimizing Outcomes	Dr. Gunaseelan K Regional Cancer center JIPMER
2	09:30-10:00 AM	Radiotherapy in Thymomas: Indications, Controversies and Modern Techniques	Dr. Roshni S Regional Cancer Centre, Thiruvananthapuram
3	10:00-10:30 AM	Surgical Decision-Making in Mediastinal Tumours: Timing and Multidisciplinary Integration	Dr. Arvind Krishnamurthy, Cancer Institute (WIA), Adyar, Chennai
Session 4 : Spine & Advanced therapies Chairpersons Dr. Sarbani Ghosh Laskar, Dr. Pooja Nandwani Patel			
4	10:30-11:00 AM	Proton therapy for Breast Cancer: Rationale Indications and Future Directional Metastases:	Dr. Sapna Nangia, Apollo Proton Cancer Centre, Chennai
	11:00-11:15 AM	Tea/Coffee Break	
5	11:15-11:45 AM	Systemic and Bone-Targeted Therapies in Spinal Metastases: Integrating Supportive Care	Dr. Jovita Martin Daniel Medical Oncology
6	11:45-12:15 PM	Spine SBRT: Indications, Planning Strategies and Clinical Outcomes	Dr. Rishan .T. S, Iswarya Hospital, Chennai
7	12:15-12:45 PM	ICRO Quiz & closing remarks & feedback	Dr. Pooja Nandwani Patel, Secretary-ICRO
8	12:45-01:00 PM	Valedictory Function	
	01:00-02:00 PM	Lunch Break	