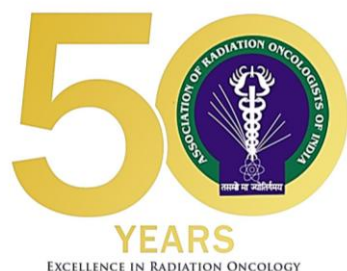


# AROI Newsletter



December 2025: Vol.21, Issue 4

## From the office of AROI

Dear All,  
Greetings from AROI !!!

This year marks the 50<sup>th</sup> anniversary of the establishment of the AROI. What is normal today—to cooperate, act, even to legislate across borders—fifty years ago was no more than a vision requiring courage and eagerness to make a change for the better. Building bridges was the vision of a few for the benefit of all. More than many other professions, medicine relies on collaboration and exchange. Radiation Oncologists migrate to other state to learn, teach and work. Patients migrate to, or seek advice in, other states or countries. As a human family, we not only share the same biology; we share the same pathology. Close cooperation in medicine is more than useful; it is absolutely essential. We are proud of our achievements over the last 50 years and we look forward to all members for their constant support, encouragement and appreciations in making our association successful.

Long Live AROI !!!



**Dr. Manoj Gupta**  
Chair AROI



**Dr. S N Senapati**  
President AROI



**Dr. C S Madhu**  
President Elect AROI



**Dr. V Srinivasan**  
Secretary General AROI



**Chairman – ICRO**  
Dr. Sarbani Ghosh Laskar



**Vice Chairman – ICRO**  
Dr. Gautam Sharan



**Secretary – ICRO**  
Dr. Pooja Nandwani Patel

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**Dr. Vikas Jagtap**

AROI - Vice President (Jr.)  
Deputy Medical Superintendent  
Additional Professor & HOD  
Department of Radiation Oncology  
NEIGRIHMS, Shillong

**Newsletter Editor**

The views expressed are that of authors/ contributors

# AROI GBM Meeting Minutes

## Minutes of the General Body Meeting during 45<sup>th</sup>AROICON 2025, Kolkata- 29<sup>th</sup>November 2025 (6:00pm onwards)

1. The meeting was convened with the permission of the President AROI - Dr S. N. Senapati.
2. Welcome address was given by the President AROI -Dr S. N. Senapati & Secretary General AROI- Dr V Srinivasan.
3. Dr V Srinivasan, Secretary General AROI expressed his condolences to the members who had passed away in this year (Dr Pincy Deka, Dr B. K. M. Reddy, Dr Deepak Kumar Patra, Dr Ashok Chaudhary, Dr Jayashankar Raju & Dr Kiran Shankar Bhattacharya, Dr R. Sankaranarayanan & Prof. Joselin) informed GB about their sad demise & homage was paid to all by observing a silence for 2 minutes.
4. Minutes of last EC / GBM & action taken-

A. It was informed to the GB that AROI-ASCO Collaboration initiative was taken by Dr Abhishek Basu & ASCO is willing to collaborate with AROI/ICRO. A successful pre-conference AROI-ASCO workshop was conducted on 27<sup>th</sup> Nov 25. This was- **COMPACT (Clinical Oncology Multidisciplinary Practical Assessment and Comprehensive Treatment)**. A Joint AROI-ASCO Teaching Course in 2027 (ASCO Multidisciplinary Cancer Management Course) is being approved for February 2027 at New Delhi with funding sanctioned for three ASCO Speakers.

B. AROI-ASTRO Collaboration- Chart rounds India is going on successfully. ASTRO members from India will receive a 50% discount on all educational activities in the ASTRO Academy. A formal agreement was signed between AROI & ASTRO Officials on 29<sup>th</sup> Nov 2025. ASTRO has selected 3 international ambassadors from India:

1. Dr. V. Srinivasan (Secretary

General-AROI)

2. Dr. Kaustav Talapatra (AROI-ASTRO Coordinator
3. Dr. Vedang Murthy (TMH, Mumbai

C. **PROPOSAL TO SEND THE REVISED SYLLABUS TO NMC-** Prof C S Madhu has drafted a new syllabus & the same was shared with all the EC members for opinion & then will be sent to NMC after their suggestions. All the EC members will go through the syllabus which is available & give the suggestions/corrections.

C. Dr V. Srinivasan informed GB that the AROI has become a member of the National Cancer Grid (NCG) as decided in the last GBM.

D. Dr V. Srinivasan informed GB that Dr Manish Pandey has paid the dues from AROICON 2022.

E. JCRT ISSUES: Dr. V. Srinivasan highlighted the Proposals for JCRT - IMR PRESS Company to offer \$400,000 to acquire the perpetual copyright and ownership of the *Journal of Cancer Research and Therapeutics*. - Wolters Kluwer, (our publisher) would like the Society to consider an amount of \$425,000 for the sale of the JCRT. This was discussed among the AROI EC Members and various opinions were obtained in the group. Final decision taken- Journal expenses as of now are around 30-40 L/ year (within our budget hence decided not to accept any proposals for takeover) But, still to raise money we need to get advertisements from Pharmacy companies & Vendors. Dr. D. N. Sharma, the Editor in Chief highlighted the activities of JCRT and was proposing to bring E-Journal to clear the pending articles. Dr. Rajesh Vashistha said that there is already approval to bring two E-Journals a year hence the GB approved for E-Journal publication. These minutes were passed in EC & approved in GBM These minutes were passed in EC & approved in GBM

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by Dr Satyajit Pradhan & seconded by Dr Kaustav Talapatra.

5. GB was informed about the new members who got enrolled from LM-5190 till LM-5583 (393 members as of 23<sup>rd</sup> Nov 25). All of them were welcomed & approved by the GB, **proposed by Dr R. Srikanth & seconded by Dr Pritanjali Singh**. Dr V. Srinivasan requested all the zonal & state chapter secretaries to sign in the membership form & then forward it to [secretaryaroi@gmail.com](mailto:secretaryaroi@gmail.com).
6. Dr. V. Srinivasan informed the GB that Dr Abhishek Basu will take the lead & explore the possibility of making it an online membership. - This was accepted by all members.
7. GB was informed about the New ICRO membership list- All New ICRO members from LM-394 to LM-440 (37 members) were welcomed & approved by GB, **proposed by Dr Anil Tibdewal & seconded by Dr Kanika Sood**. It was informed to the GB that all the faculties of AROI & ICRO Teaching Programmes should be only ICRO members.
8. **Constitutional amendment Committee consists of:**  
 Dr. Francis V James  
 Dr. Abhishek Basu  
 Dr. Ravindra Ganganna  
 Dr. Surendra Nath Senapati, President AROI  
 Dr. V. Srinivasan, Secretary General, AROI

The following amendments were discussed-

## PREAMBLES-

- **Part I points 21, 22 amalgamated-**  
**OLD:** To persuade the Medical Council of the India and other apex bodies for quick implementation of Radiation Oncology as a separate specialty in all the teaching institutions in India to promote basic radiation Oncology training in the form of theory classes and clinical demonstration at the undergraduate level for better preparation of the future doctors in early detection and proper treatment guidance of patients in the community.  
**NEW:** To persuade the **National Medical Council**,

National Board of Examinations and other apex bodies for quick implementation of Radiation Oncology as a separate mandatory specialty in all the teaching institutions in India to promote basic radiation Oncology training in the form of theory classes and clinical demonstration at the undergraduate level for better preparation of the future doctors in early detection and proper treatment guidance of patients in the community.

## MEMBERSHIP:

- Part II points 2.2.1 and 2.2.2-Added DMRT as additional qualification along with MD and DNB for criteria of Membership.
- In 2.2.3, added: No additional fees need to be paid for up gradation of Membership category from STUDENT TO LIFE MEMBER, upon completion of their postgraduate degree / diploma.
- Part II points 2.3.1 and 2.3.2 re-worded- 2.3.1: The membership application shall be in a form approved by the Executive Committee and shall require to be duly proposed by an existing valid life member. The application must be ratified by and sent through the Secretary of a State Chapter / Zone and shall be accompanied by documentary evidence of eligibility, qualification and prescribed fees along with membership fees.
- 2.3.2: The Executive Committee will facilitate the acceptance of membership of the applicant. The Secretary General, in discussion with the Executive Committee, will forward the application for Membership of the applicant, with recommendation to the General body of the Association (final authority for acceptance) for approval and acceptance.
- **Part II points 2.3.3, 2.3.4 and 2.3.5 added-**
- **2.3.3:** Membership of the Association shall consist of **primarily membership of AROI Central and secondarily of the State Chapter / Zone** to which the member belongs. The unique Membership number shall always be allotted by AROI Central, **and no separate membership number shall be allotted by any State chapter / Zone. - This point was modified that states/zones can give their membership number but only after the LM number allotted by the Central Body.**
- 2.3.4: The Member shall be governed by the rules and bye laws primarily of AROI Central and



# AROI GBM Meeting Minutes

- secondarily of the State Chapter / Zone (provided that the latter has an independent Constitution which is in congruence to the AROI Constitution and which is ratified by the AROI central body).
- **2.3.5:** If a member wishes to migrate from one State Chapter / Zone to another, he/she should communicate the same to the Secretaries of both the Chapters / zones and to the AROI central body. He / she may then have to pay the membership fees of the chapter / zone into which they are migrating under the discretion of respective state chapter to which they wish to migrate. His / her name shall be struck off the register of Membership of the State Chapter / Zone from which he / she is emigrating. The Membership number allotted by AROI central shall remain the same and no additional membership fees needs to be paid to AROI central for migration
- Part II points 2.6 added – Cessation of Membership-
- 2.6.1: CESSATION OF MEMBERSHIP BY DEATH  
- Upon the death of any Member, the Membership shall automatically cease. The unique membership number provided shall never be re-used. The personal details of the Member shall be erased / locked in the database but shall remain available for access to the Executive Committee upon reasonable request for access only for future administrative / academic purposes.
- 2.6.2 CESSATION OF MEMBERSHIP BY MISCONDUCT- The Executive Committee by a three - fourth (3/4) majority of members present in the meeting may temporarily or permanently remove the name of any member from the Membership Register for gross misconduct (any activity that is considered detrimental or repugnant to the interest and / or reputation of good standing of the Association or in gross violation of the rules and by laws of the Association) after sending him/her a notice by registered post and giving him/her a proper opportunity to defend himself/herself including a hearing in person. If the member fails to respond within a stipulated time as decided by the Executive Committee, the Committee may take an ex-parte decision. At all points, it must be ensured that the principles of natural justice are followed. Such action of the Executive Committee shall be subject to ratification by 2/3rd members present at the General Body Meeting of the Association. In such a case, the membership and admission fees shall not be refunded.
- Part II points 2.6 added – Cessation of Membership-
- CESSATION OF MEMBERSHIP OF STATE CHAPTER / ZONE - Subject to the clause 2.6.2 above, any member, whose conduct qualifies him / her for cessation of membership may be recommended for cessation of membership by misconduct by the unanimity of three-fourth (3/4th) majority of the Executive Committee of the State Chapter / Zone, present and voting in the meeting, to the Central Executive Committee with appropriate reasons and evidence for consideration of the same. Then, the course of action as mentioned in clause 2.6.2 shall be followed, if the Central Executive Committee feels the case to be admissible.
- EXECUTIVE COMMITTEE-
- Part II points 3.2.1 – Executive Committee – added-
- Positions of Chair (Immediate Past President), Presidents of State Chapters and YROF convenors need to be added.
- The tenure of the Chair shall be one term. (2 years)
- The tenure of YROF convenors would be one term, starting from conclusion of previous YROC until the end of subsequent YROC.
- Modification: Treasurer shall be nominated by the Secretary General and shall preferably be from the same city where AROI / ICRO Bank Accounts operate from.(Ludhiana)
- ELECTIONS-
- Part II points 3.2 – Elections (modifications)-
- Voting shall be carried out electronically. The vendor whose software will be used shall be

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- selected by a committee consisting of the President, President Elect, The Secretary General and the Chief Election commissioner. **The vendor selected shall be approved by the Executive Committee and presented and approved by the General Body immediately preceding the Election.**
- The Secretary General will in the month of July (latest by 15th July), inform the Chief Election Commissioner of the vacant posts in the Executive Committee of AROI and ICRO, The Secretary General shall provide the complete UPDATED voter's list of AROI and ICRO to the Chief Election Commissioner. The Secretary General shall also **exhibit the details of the various posts (the position and number of posts) for which the election is to be conducted.**
- **Format of nomination forms would be made available by the Secretary General periodically keeping in mind the current updates which needs to be incorporated timely.**
- Unfilled posts shall be filled up by the General Body **in consultation with** the President, President Elect and Secretary General. Nominations for the unfilled posts shall be invited from the floor and will be decided by the General Body. In the event of an election **for unfilled**, voting shall take place on the floor of the house.
- **Transparency in announcement of results: to be announced by election commission, magnitude of voting count and margins of win/loss of each candidate has to be announced to all members.**
- **ANNUAL GENERAL BODY/ OTHER MEETINGS-**
- **Part II points 5.1.3 and 5.2.2 – (modifications)-**
- **5.1.3 ANNUAL GENERAL BODY MEETING:** The Annual General Body Meeting of the Association shall be held each year on the second day (Saturday) of the Annual Conference of the Association, **preferably at 18:00 hrs.** at a place fixed by the Executive Committee. The notice and agenda of the Annual Conference **shall be notified in the website at least 30 days in advance of the date fixed for the meeting / circulated to all members by mail.** The notice for Annual General Body Meeting shall be issued by the Secretary General.
  - **5.1.3.1-The Annual General Body Meeting shall begin with Obituaries to the departed souls of Members during the intervening time between the previous and present Meetings and read by the Secretary General.**
  - **5.2.2-The minutes of the immediately concluded preceding Annual Body Meeting will be confirmed by the subsequent first General Body.**
  - **Part II points 5.2.3 added – Conference bids-**
  - **5.2.3.1:** All Conference bids have to be accompanied by a proposal of a registration fee matrix with timelines decided by the local Organizing Committee, considering a maximum escalation of 15% over and above the current year's registration fees (to be verified by the Secretary General). Upon selection of successful bid, **the incumbent Organizing Secretary must get the registration fees ratified by the General Body only if it is more than 15 %.**

**(Dr. M. S. Athiyamaan raised a request that the registration fees can be lower than the early bird on the Conference days, but Dr. Vijay Karan Reddy replied that it is kept as low as possible hence the rates can't be reduced further)**
  - **5.2.3.2:** The incumbent (immediate succeeding) Conference Organizers can open Conference registrations offline at the venue of the immediate preceding Conference from the first day of the Conference, provided their registration rates have been verified by the Secretary General as specified in bye law 5.2.3.1.
  - **Part II points 5.3.2 modified – Extraordinary GBM-**
  - The President may, whenever he/she thinks fit, considering the gravity and need of such a meeting, convene an Extraordinary General Body Meeting, other than the Annual General Body Meeting, at such place he/she decides. The proposition notice must state clearly the

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- reason for calling the Extraordinary General Body Meeting and a notice of at least 15 days must be given to Members by posting on the Website of the Association. The required quorum for the meeting shall be at least 25 Members other than Central Office bearers.
- **STATE/ REGIONAL CHAPTERS/ ZONES-**
- **Part II points 9.1 modified, subsections added-**
- **9.1 State/Regional Chapters.** Any state or region having more than 25 radiation oncologists who are life members of the Association can form a chapter, with explicit permission, in writing from the Central body of the Association.
- **9.1.1 Zones -** Any region, comprising more than one State Chapter having a combined total of more than 50 Radiation Oncologists who are life members the Association can form a Zone, with a proposal ratified, first, by the Executive Committees (by a 2/3rd majority present and voting) and second by the General bodies (by a 2/3rd majority present and voting respectively of all the constituent State Chapters and then sent as a written proposal addressed to the Secretary General of AROI for ratification by the AROI Central Executive Committee and placement for final ratification by the General Body of the Association.
- **9.1.2. Merger means cessation of independent status** - It must be clearly understood that, if the proposal is so accepted, the constituent State Chapters shall automatically cease to exist with immediate effect and merge into the Zone. All members of
- constituent State Chapters shall automatically become members of the Zone with no change in membership number or payment of additional fees.
- **9.1.3. Elections in newly created Zone** - Upon formation of a new Zone, elections must be conducted as per usual rules / bye laws to posts as mentioned therein within a period of three months from the date of formal inception and communicated to AROI Central.
- **Part II points 9.3 – rules / constitution / logo-**
- **9.3.1-The State/Regional Chapters may frame their own rules and constitution in accordance with the Constitution of the Association, subject to the fact that this is ratified by the Central body to be congruent to and in the same spirit as the Constitution of the Association.**
- **9.3.2.-The State/Regional Chapters may have their own logo, subject to the fact that it contains the AROI logo within the new logo and this is ratified by the Central body. At every place, both the AROI and State Chapter logo must be used side by side and the State Chapter logo must be of a size that is equal to or smaller to the AROI logo. Similarly, at all State Chapter events, the AROI logo must take precedence over the State Chapter logo. This was accepted by EC, approved by GB and proposed by Dr. Tomcha Singh and Seconded by Dr. Abhishek Singhal.**
- **Part II points 9.4 to 9.10 – conduct modified-**
- **9.4-Tenure of the office-bearers of the State/Regional Chapters should be corresponding to the tenure as applicable to the Association. If not, it shall be brought to the notice of the Secretary General through official communication of the corresponding State Chapter.**
- **9.5-The State/Regional Chapters are authorized to have their Annual Conference as well as host other events like CME, teaching courses independent of the association but the dates of such events shall not coincide with the calendar of events of the Central body. The State Chapters must inform the Central body about such Conferences, teaching Courses, CMEs in advance (duty of the State / Zonal Chapter Secretary). Organizers must invite at least one AROI Central Office bearer (Chair/ President/ President Elect/ Secretary General) to be a part of it, preferable physically. In case the State Chapter / Zone cannot bear the expenses of physically inviting any Faculty from outside the State Chapter / Zone in their Annual Conference, the AROI Central Office bearer/s can be requested to join the**

# ARO GBM Meeting Minutes

- Conference by taking care of their travel expenses. The local hospitality (accommodation & local transport) could be provided to them by the organizers. This was accepted by EC, approved by GB - proposed by Dr. Virendra Vyas and seconded by Dr. Sayan Das.
- **Part II points 9.4 to 9.10 – conduct modified-**
- **9.6-**Periodic Elections shall be held to the office of state/zonal chapter / in congruence to the Central body terms for such posts / before March 31<sup>st</sup> of the year of that particular year. If not done or deviated, the president, secretary of the State Chapter will be suspended for 2 years from the AROI.
- **9.7 -**Rs.30.000/- (Rupees Thirty Thousand only) will be paid by the State/Regional Chapter to the Association in lieu of Journal subscription latest by 31<sup>st</sup> of March of the year.
- **9.10 -** The State/Regional chapters are entitled to charge their own fees for association membership, for felicitating scientific events etc. All applications for Association membership shall be forwarded by the State/Zonal Secretary. The Life membership fees for any State Chapter / Zone must not be greater than 50% of that of the AROI central body membership fees at that time.
- **YROF-**
- **Part II points 11.4 modified, 11.7 added-**
- **11.4-** The Vice President Junior & the two Conveners of YROF along with the Organizing Chairman YROC shall be the Committee that shall take all decisions on matters pertaining to YROC.
- **11.7-** The Convener is a member who is the Organizing Secretary of YROC of that current chronological dated year or Organizing Secretary of subsequent YROC. - Hence YROF is represented by 2 Conveners and the term of Convener is 2 years. One new convener takes the position during YROC superseding the convener who was organizing secretary of the previous YROC conference.
- **GENERAL BODY OF THE ASSOCIATION-**
- **Part II points 12 modified, subsections added-**
- **12. For all Administrative Purpose –** Decisions of General Body remains supreme in accordance with the law of this land.
- **12.1-**Subject to the law in force at the time, the General Body shall have the power to add, vary or repeal any of the provisions contained in the rules. Such additions, variations or repeal can be affected by means of a resolution of which due notice has given as per rule 12.2 (below) and which has been assented to by the vote of at least two-thirds majority of the life-members present at the Annual General Body Meeting.
- **12.5 -** Oral discussion and decision of the General body shall be considered as part of official constitution of the Association WITH FOLLOWING THE DUE PROCEDURE AS MENTIONED BELOW. IN THE EVENT OF Any such decision without written proposal shall be forwarded to association constitution committee for timely amendments preferably following the timelines as mentioned in 12.2. The agenda of the official drafted amendment shall be discussed in the subsequent AGM and if accepted shall become part of amended constitution.
- **CONFERENCE ORGANIZATION-**
- **Part II points 13 added-**
- **13.1-**The Scientific Committee of the National Conference must include the following ex officio members - Chair, President, President Elect, Secretary General, ICRO Chairman, ICRO Vice Chairman, ICRO Secretary, Editor-in-Chief, JCRT along with a few other ICRO Members along with the Local Scientific Committee.
- **13.2-**The Scientific content of the Conference shall be decided by the Local Scientific Committee except the ICRO Teaching Course and Orations. It must be kept in mind that there shall be no parallel sessions during Orations, Best Paper Session and Annual General Body Meeting - all of which must be conducted in the main (biggest capacity) hall.
- **13.3-**The Faculty for the Conference shall be chosen by the local organizing committee



# AROI GBM Meeting Minutes

- keeping in mind that not more than 25% shall be Overseas / Foreign (attached to institutions outside India, at the time of the Conference) Faculty. It must also be noted that members of the Executive Committee should be given precedence as Faculty in the program in appropriate capacities.
- 13.4 - Travel and local hospitality shall be borne only for Past& Present- Presidents, Secretary Generals, Orators apart from Present ICRO Chairman and Secretary, AMPI President and Secretary (for AROI - AMPI joint session). Conference registration shall also be complimentary for them. For other Faculty, travel and local hospitality (not registration) may be borne only for Speakers and Moderators. Providing travel and logistics to other Faculty shall be strictly at the discretion of the local organizing committee. Dr. Abhishek Shankar raised a request that the Moderators and Chairpersons also should be sponsored as they are invited as faculties, Dr. Abhishek Basu replied that it will become a huge burden for the host if they sponsor everyone. Dr. V. Srinivasan said that only faculties (speakers) will be sponsored by the host and the rest will be left to the discretion of the host as in the constitution. Accepted by GB – proposed by Dr. Indranil Mallik & seconded by Dr. K. S. Kirushna Kumar.
- 13.5- An amount of at least Rs.25,00,000/- (Rupee Twenty-Five Lakhs only) or 50% of the surplus balance amount of the national conference, whichever is greater will be paid by the organizing committee of the national conference to the association after due audit of accounts is accomplished. Both must be submitted before the subsequent Conference. (Amended in AGM 2023). The registration fees for the ICRO Workshop will be collected directly by the conference organizers. However, the total amount collected (with deduction as per the auditor) will be transferred to the ICRO account within three months after the conclusion of the conference."
- 13.6-The exact number of and criteria for FICRO awardees are to be proposed by the ICRO Secretary, decided by the AROI & ICRO Governing Council and ratified by the ICRO GB followed by the AROI EC. The exact number of and criteria for Fellowship / Best Paper awards are to be proposed by the Secretary General, decided by the Central Executive Committee and ratified by the AROI GB. All awards are to be presented during the National Conference - FICRO during Inauguration and the rest during the Valedictory Session.
- 13.7-The number, criteria and amount of fund for each Oration are to be proposed by the Secretary General, discussed and finalized by the Executive Committee and further discussed and ratified by the General Body. Once decided, no alterations can be made in the rules for an Oration for the time period for which the Oration has been formulated. A person, who has been chosen as an Orator once, cannot give the Oration again.
- CONSTITUTION AMENDMENT COMMITTEE-
- Part II points 14 added-
- 14.1-Constitution Amendment Committee is a permanent committee of the association but not the members of the committee. The committee is headed by the President, guided by the Chair, President Elect, functioning of which is supervised by the Secretary General along with members as selected by the Executive Committee and ratified by the Annual General body. Tenure of member/s would be as per decision of the Executive Committee ratified by the Annual General Body.
- 14.2-Function of the Constitution Committee: To follow the decisions of the general body, formulate the law and redirect it back to the general body for clearance and acceptance as bye law of the Association as deemed fit from time to time. If no major changes are made in the interim, it is suggested to review the Constitution every 10 years, for appropriate alterations.

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- All the above amendments were passed by EC, approved by GB -proposed by Dr Manoj Gupta & seconded by Dr Rajesh Vashistha.
- 9. **AROICON 2026 Registration fee:** since the proposed registration rates for AROICON 2026 were less than 15% hike from the registration rates of AROICON 2025, this was accepted by EC and approved by GB- proposed by Dr. Francis V James and Seconded by Dr. Ravindra G.
- 10. **ICRO SUN PG Teaching Programs in 2025** are completed as scheduled. 47<sup>th</sup> ICRO-SUN PG- Recent Advances in Clinical Oncology- NRS Medical College, Kolkata-12<sup>th</sup>-13<sup>th</sup>Apr 2025 (Dr. Anis Bandyopadhyay)- 74 attended. 49<sup>th</sup> ICRO – SUN PG– Palliative Medicine in Oncology – SGPGI, Lucknow- 28<sup>th</sup> - 29<sup>th</sup> Jun 2025- (Dr. Shaleen Kumar)- 62 attended. 50<sup>th</sup> ICRO-SUN – Landmark Trials & Practice Changing Evidence in Breast, H & N, GI &Gynaec cancers–SGRRIMS & HS, Dehradun - 30<sup>th</sup> -31<sup>st</sup> Aug 2025-(Prof. Manoj Gupta)- 80 attended. 51<sup>st</sup>ICRO-SUN – Pediatric & Hematological Malignancies – Vydehi Institute of Medical Sciences, Bangalore- 11<sup>th</sup> – 12<sup>th</sup> Oct 2025- (Dr Geeta Narayanan)- 72 attended.
- 11. The AROI (ICRO) ASCO Pre-Conference Workshop conducted on 27<sup>th</sup> Nov 2025 (COMPACT- (Clinical Oncology Multidisciplinary Practical Assessment and Comprehensive Treatment) was very successful with around 257 participants. **Here, Dr V Srinivasan emphasized that AROI membership is mandatory to attend the ICRO workshop &the same has to be mentioned in the Conference brochure of AROICON 2026.**
- 12. Prof Manoj Gupta conducted a Radiobiology Master class at Guwahati (AROI NE Zone) on 7<sup>th</sup> September 2025. **23<sup>rd</sup>ICRO- INTAS RADIOBIOLOGY Course 2025-** Will be conducted by Prof Manoj Gupta at AIIMS Rishikesh in Feb 2026.
- 13. **AROI-ESTRO TEACHING COURSES 2025-** 8<sup>th</sup> Gynae Teaching Course – 6<sup>th</sup> -9<sup>th</sup>Feb 25 at KGMU, Lucknow- Dr Rajeev Gupta. 3<sup>rd</sup>Head & Neck Teaching course- 5<sup>th</sup> -7<sup>th</sup> Jun 25 at RCC, Trivandrum - Dr Francis V. James. Upcoming- 12<sup>th</sup> Advanced Tech Teaching course- 29<sup>th</sup>Jan – 1<sup>st</sup>Feb 26 at PGIMER, Chandigarh- Dr Rakesh Kapoor.
- 14. **Best of ASTRO 2025** – It was planned at RMLIMS, Lucknow by Dr Madhup Rastogi but cancelled due to financial issue.
- 15. **11<sup>th</sup> YROC was held on 25<sup>th</sup> – 26<sup>th</sup>Jan 2025 at Meenakshi Mission Hospital, Madurai** - Dr K. S. Kirushna Kumar
- 16. **ICRO Quiz winners (ICRO SUN PG Courses) –** ICRO quiz winners were informed to the EC.
  - **47<sup>th</sup> ICRO Sun PG Quiz Winners-**
    1. Dr Ananya Ghosh- Narayana Hospital, Howrah
    2. Dr Ankita Prusty- IGMC, Shimla
  - **49<sup>th</sup> ICRO Sun PG Quiz Winners**
    1. Dr Pamela Sen- BHU, Varanasi
    2. Dr Ajay C. S.- Army Hospital, New Delhi
  - **50<sup>th</sup> ICRO SUN PG Quiz Winners-**
    1. Dr R. Vinayak Padmanabhan- GAAMCH, Kanchipuram
    2. Dr Mayank Soni- AIIMS, Rishikesh
  - **51<sup>st</sup> ICRO SUN PG Quiz Winners-**
    1. Dr Omal Shereef- Mahavir Cancer Sansthan, Patna
    2. Dr Avilash Banerjee- Yashoda Super Speciality Hospital, Hyderabad- **GB appreciated all the winners.**
- 17. **PROTOCOL DEVELOPMENT:** TO DEVELOP OUR OWN - AROI GUIDELINES FOR TREATMENT OF CANCER AT DIFFERENT SITES-PROPOSED BY PROF. S. N. SENAPATI (PRESIDENT, AROI) HE WILL BE COORDINATING THE SAME WITH A 55 MEMBER GROUP AND WILL SHARE IT SOON.
- 18. **FARO-THASTRO 2025** at Chaing Mai, Thailand- FARO 2025- 36<sup>th</sup> THASTRO Conference was held on 13<sup>th</sup> - 15<sup>th</sup> Nov 2025 at Chiang Mai, Thailand. Prof. Manoj Gupta has been unanimously elected as the Vice President of FARO (2026-2027). Dr. S. N. Senapati participated as a Council Member of FARO, Dr. V. Srinivasan, Council Member of FARO has been appointed as a member of the FARO Election Committee.

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Dr Sujana Priya nominated from AROI for **FARO LDP 2025-26**.

19. **FARO RESEARCH- FERN Activities-** Setting up of FARO Research Secretariat at ACTREC, Tata Memorial Centre to foster Research in Asia. FARO adopted the name of FARO Research Network (FERN) and initiated its activities from 2023. Conducted protocol development and research methodology workshop. Constitution of Research Working Groups (Gynecology and Brachytherapy, Head and Neck and Brachytherapy, Breast, Advanced Technology and Health Economics). Patterns of Care Surveys (n=5). Full Protocols Ready from Protocol Development Course (n=11) and with LDP members – Thanks to **Dr. Supriya Chopra, Chair of FARO Research Committee**.

20. **FARO CONFERENCE HIGHLIGHTS:** FARO 2025 at Chiang Mai, Thailand had a great representation from AROI with more than 55 registrations and 42 posters and 8 oral presentations. Dr Sarthak received the young investigator award and the best poster award was awarded to Dr Hardik Sharma at FARO 2025. I could contribute as a referee for Gynaecology Oral Paper Session and also had an honor to present about AROI's contribution to FERN - FARO Education & Research Network. Kudos to all our members & faculties who participated.

21. **FARO WEBINARS CONDUCTED:**

- 32<sup>nd</sup> FARO Webinar on Internal Mammary Nodal Irradiation (IMNI) for Breast Cancer) was held on 25<sup>th</sup> Feb 2025.
- 33<sup>rd</sup> FARO Webinar on Carbon-ion Therapy for Prostate Cancer was held on 23<sup>rd</sup> April 2025.
- 34<sup>th</sup> FARO Webinar on Stereotactic Body Radiation Therapy for Liver Cancer in Mongolia was held on 25<sup>th</sup> Jun 2025.
- 35<sup>th</sup> FARO Webinar on Advances and Future Perspectives in Radiotherapy for Intracranial Germinoma was held on 27<sup>th</sup> Aug 2025. **Dr. V. Srinivasan requested state/zonal Secretaries to encourage their students to participate in all the FARO Webinars.**

22. The GB was informed that the proposal to

change the name of Dr Neil Joseph Fellowship is still available. (INR 10 Lakh has to be deposited in Central AROI Account for this name change, which will be valid for 10 years)

23. AROI ESTRO Gynaecology Course (from 2026) & AROI ESTRO Advanced Technologies Course (from 2026) will become ESTRO endorsed courses & AROI ESTRO Head & Neck Course will be conducted as AROI-ESTRO Joint course for 2 more years (2026 & 27)- **MoU will be signed next year.**

24. Journal contribution by all the chapters should be done by 31<sup>st</sup> March of respective year (All the chapters have paid before the deadline this year). Thanks to all of you.

25. GB was informed about the various activities of AROI accomplished in the past year-

a) Letter sent to AIIMS on 14<sup>th</sup> Dec 24 for MD Radiation Oncology to be considered as a feeder branch for DM Medical Oncology AGAIN.

b) AERB Letter: Regarding Cyberknife / Gamma knife installation-Reply came that the installation of radiation equipment under a particular department is the responsibility of the Institution & Licensee and it is not a matter that AERB can direct the Institution.

c) Letter sent to MOH (Ministry of Health) on 5<sup>th</sup> Feb 25 regarding involvement of AROI members in the proposed day care cancer centres.

d) Nominated Dr Kanika Sharma Sood for UICC call for Advocacy Course by FARO. She received the completion certificate.

e) For all fellowships/ Best papers, submission deadline will be strictly followed as we are giving more than 2 months to apply.

f) AROI UP State chapter has now officially launched a very first website of UPAROI society on 3<sup>rd</sup> Jun 25.

g) AROI Bihar State chapter has been registered on 4<sup>th</sup> Sep 25 under the society Registration Act 1860, Act No. XXI. They have also registered a website.

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- g) AROI Bihar State chapter has been registered on 4<sup>th</sup> Sep 25 under the society Registration Act 1860, Act No. XXI. They have also registered a website.
  - h) 4<sup>th</sup> ICC is happening between 30<sup>th</sup> Sep- 3<sup>rd</sup> Oct 2027 at Chennai. ISMPO has invited us to be a partner in it. AROI had paid seed money to 3<sup>rd</sup> ICC organizers & still awaiting the refund. **Accepted by EC and approved by GB for participation in ICC 2027-Proposed by Dr. Shaleen Kumar and seconded by Dr. Sanjeev Gupta.**
  - i) Dr Supriya is asking for increase in FARO Research grant by INR 50,000 (current grant-2 Lakhs). **This was accepted by EC, approved by GB-Proposed by Dr. Simon Pavamani & seconded by Dr. Pritanjali Singh.**
  - j) Books of Dr Anusheel Munshi, Dr K C Patro & Dr Renu Madan are being released this year.
  - k) Dr G. V. Ajay (LM-2080) from KA chapter won Gold Medal in Table Tennis at National Para Table Tennis tournament. Great achievement.
  - l) Prof. K. Thayalan (LM-124) received IDMP Award for 2025 (International Day of Medical Physics) from IOMP. He is the 1<sup>st</sup> Indian to receive the award. **Congratulations.**
  - m) Dr Umesh Mahantshetty has been made as an Honorary ESTRO member for his outstanding contributions. **-Congratulations.**
  - n) Dr Kanhu Charan Patro's proposal for affiliation & endorsement for SCOPE- Annual MPRO webinar & Oncoeducation App-Approved by EC, passed by GB.
  - o) Proposal for Recognition for Scientific Excellence Award from BrainLab- Dr Jyotirup Goswami. Recognition for Scientific Excellence Award - This initiative is designed to **acknowledge and support young radiation oncologists** through a **hands-on training and exposure program** at a leading reference center, focused on advanced radiotherapy technologies such as **Elements, ExacTrac Dynamic**, and other Brainlab solutions. All **logistics for the training visit** will be managed by Brainlab. Upon successful completion and submission of a brief report, participants will receive a **Certificate of Participation** issued by Brainlab & AROI. **This was accepted by GB- proposed by Dr. Aftab Alam and seconded by Dr. K. Satheesh Babu.**
  - p) Dr Arjun Sahgal has sent a proposal for a 5year support –The proposal to train 1 fellow per year for a total of 5 fellows over 5 years. Baylis Radiation Oncology CNS/Spine fellowship for one year at the Sunnybrook Odette Cancer Centre in Canada affiliated with the University of Toronto – Post MD up to 3 yrs (3-5 Candidates) who gets selected during the National conference have to go through AROI & apply directly to the University of Toronto for fellowship. The one who gets selected will get a fully sponsored (including salary) fellowship for 1 year. -Thanks to Dr. Tejinder Kataria Mam. **This was accepted by GB and proposed by Dr. Rajiv Ranjan and seconded by Dr. Boaz Vincent.**
26. **AROI- ICRO Teaching Courses to be held in 2026-**
- a) **AROI-ICRO Sun PG Teaching course-2026**  
JN Medical College, AMU, Aligarh – Dr Md. Shadab Alam – Apr 26  
Cancer Institute, Adyar Chennai - Dr. Priya Iyer- Jul 26  
Cancer Hospital, IGMC Shimla – Dr Manish Gupta- Sep 26  
**Topics-** Stereotaxy, Thoracic malignancies, GI malignancies.
  - b) **AROI-ESTRO COURSES-2026**  
**(I) 9<sup>th</sup> AROI-ESTRO Endorsed Gynae Teaching Course** -HBCH & RC, New Chandigarh -26<sup>th</sup>-29<sup>th</sup> Mar 2026- Dr. Tapas Kumar Dora  
**(II) 4<sup>th</sup> AROI -ESTRO Head & Neck Teaching course**-SGPGIMS, Lucknow – 4<sup>th</sup>- 6<sup>th</sup> Jun 2026- Dr. Shalini Singh  
**(III) 12<sup>th</sup> AROI ESTRO Endorsed Advanced Technologies Teaching course (2025)**-PGIMER, CHANDIGARH- 29<sup>th</sup> Jan-1<sup>st</sup> Feb 2026- Dr. Rakesh Kapoor.
  - c) **46<sup>th</sup> AROIICON 2026** – by AROI Telangana chapter in Hyderabad - Dr Vijay Karan Reddy-3<sup>rd</sup> – 6<sup>th</sup> Dec 2026.
  - d) **Best of ASTRO- 2026** – Narayana Health, New Delhi - Dr Kanika Sharma Sood- Tentatively in June 2026.
  - e) **AROI-YROC-2026 -NIMHANS Convention Centre Bangalore**- Dr S. D. Shamsundar- 24<sup>th</sup> & 25<sup>th</sup>



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- f) **INTAS RADIOBIOLOGY 2026-** AIIMS Rishikesh- Prof. Manoj Gupta- Yet to decide the date.

## 27. Bids Received for 2027 & approved by GB: -

### 47<sup>th</sup> AROICON 2027-

- Along with 4<sup>th</sup> ICC by ISMPO at Chennai on 30<sup>th</sup> Sep- 3<sup>rd</sup> Oct 2027, hence AROI (TN & PY) State chapter will conduct the 47<sup>th</sup> AROICON 2027.

### ICRO SUN PG 2027-

- Kovai Medical Center and Hospital, Coimbatore- Dr C. Anand Narayan –AROI-TN & PY chapter.
- Sri Shankara Cancer Hospital and Research Centre, Bangalore – Dr G. V. Giri –AROK Chapter.
- AIIMS Patna- Dr Pritanjali Singh – AROI-Bihar chapter
- EC decided to give the ICRO SUN PG Courses to above mentioned sites, approved by GB - proposed by Dr Preety Jain & seconded by Dr Rajesh B.**

### AROI-ESTRO TEACHING COURSES 2027:

- (i) **10<sup>th</sup> ESTRO Endorsed AROI Gynae Teaching Course 1.** Cancer Institute Adyar, Chennai- Dr Ram Madhavan & Dr Priya Iyer from AROI-TN & PY State Chapter

- (ii) **5<sup>th</sup> AROI -ESTRO Head & Neck Teaching course- 1.** AIG Hospitals, Hyderabad - Dr. Kausik Bhattacharya, AROI- Telangana State chapter.

- (iii) **14<sup>th</sup> ESTRO Endorsed AROI Advanced Technologies Teaching course-**

1. NCI Jhajjar, Haryana - Dr Supriya Mallick- AROI- NZ

**EC approved these sites for AROI ESTRO COURSES –approved by GB proposed by Dr Jayaprakash Madhavan & seconded by Dr Arundhati De.**

### 13<sup>th</sup> YROC 2027:

- SRMS IMS Bareilly, AROI-UP Chapter- Dr Piyush Kumar Agarwal.

**GB was informed that the Bid is open only for BEST**

### OF ASTRO 2027.

28. **The FICRO awardees for 2025: GB was informed about the FICRO awardees for 2025-**

Dr Thomas Samuel Ram

Dr K J Maria Das

Dr Tabassum Wadasadawala

Dr Indu Bansal Aggarwal

Dr Anusheel Munshi &

Dr Rojymon Jacob

**GB congratulated all the recipients.**

29. **STATE / ZONAL CHAPTER ELECTIONS WERE CONDUCTED SUCCESSFULLY FOR 2024 & 2025& THE FOLLOWING WERE ELECTED-**

### AROI MP & CG STATE CHAPTER ELECTION CONDUCTED IN DEC 2024 (Elected unopposed):

PRESIDENT - Dr. H. U. GHORI

SECRETARY – Dr. SURUCHI SINGH

### AROI KERALA STATE CHAPTER ELECTION CONDUCTED IN JAN 25:

PRESIDENT - Dr. K. L. JAYAKUMAR

SECRETARY – Dr. SABARINATH P. S.

### AROI JHARKHAND STATE CHAPTER ELECTION CONDUCTED IN JAN 25:

PRESIDENT - Dr. Md. AFTAB ALAM ANSARI

SECRETARY – Dr. DEEPAK KUMAR AGARWAL

### AROI ODISHA STATE CHAPTER ELECTION CONDUCTED IN FEB 2025:

PRESIDENT - Dr. SANJUKTA PADHI

SECRETARY – Dr. SAILENDRA PARIDA

### AROI RAJASTHAN STATE CHAPTER ELECTION CONDUCTED IN APR 25:

PRESIDENT - Dr. RAVINDRA GOTHWAL

SECRETARY – Dr. RAMESH PUROHIT

### AROI KARNATAKA STATE CHAPTER ELECTION CONDUCTED IN MAY 25:

PRESIDENT - Dr. SIDDANNA PALLED

SECRETARY – Dr. SUNIL R. A.

# AROI GBM Meeting Minutes

## AROI TAMILNADU & PUDUCHERRY STATE CHAPTER ELECTION CONDUCTED IN AUG 2025:

PRESIDENT - Dr. SRINIVASAN KRISHNAN  
SECRETARY – Dr. RAJESH BALAKRISHNAN

## AROI ANDHRA PRADESH STATE CHAPTER ELECTION CONDUCTED IN SEP 25:

PRESIDENT - Dr. N. SUJATHA  
SECRETARY – Dr. P. B. ANAND RAO

## AROI MAHARASHTRA STATE CHAPTER ELECTION CONDUCTED IN NOV 25:

PRESIDENT - Dr. SARBANI GHOSH LASKAR  
SECRETARY – Dr. ANIL TIBDEWAL

## GB congratulated & welcomed all the elected new office bearers of state / zonal chapters.

30. Template slide for AROI PPT presentations was proposed by Dr S. N. Senapati. **This was approved by GB -proposed by Dr. Pardeep Gar and Dr. H. U. Ghori**
31. Dr V. Srinivasan has informed that almost all the chapters contributed for the journal expenses before the 31<sup>st</sup> Mar 25& appreciated their support.
32. GB was informed that the deadlines for the fellowship/ best paper awards needs to be followed strictly as applicants are getting more than 2months time.
33. An audited report of AROI Saving AC/ AROI Current AC &AROI-ICRO Current account along with the proposed budget for 2026 was informed the same, was passed by GB, proposed by Dr Sabarinath PS & seconded by Dr Siddanna Palled.
34. Other points that were discussed as below
  - Revision of Fellowship / Best Paper Award amount-
  - Neil Joseph fellowship: INR 20000 to INR 25000 for 6 candidates.
  - Dr MS Gujral- INR 15000 + Medal to INR 20000 + Medal
  - Dr MC Pant- INR 10000 + Medal to INR 15000 + Medal
  - Travel Grant- INR 7500 to INR 10000.

After these discussions, the GB approved for this raise in Fellowship / Best paper award amount, proposed by Dr Swarupa Mitra & seconded by Dr Ravindra Ganganna.

35. Dr S. N. Senapati & Dr V Srinivasan thanked all the GB for their active participation. Special thanks to the Organizing committee of 45thAROICON 2025 & also to the Joint Secretary Dr K. S. Kirushna Kumar for noting down the minutes of the meeting.
36. Appointment of Chief Election Commissioner-Dr. V. Srinivasan informed the GB that Dr. Kishore Singh will continue to be the CEC for the Elections in 2026-GB Approved-Proposed by Dr. Neeraj Jain & seconded by Dr. Shalini Singh
37. Dr. S. N. Senapati, President asked the GB about giving Life time Achievement award for Senior members for their significant contribution to Radiation Oncology-This was principally agreed by the GB. President also asked the GB about giving the Best Chapter Award, Dr. V. Srinivasan with his permission opined that it will not be fair as some chapters have more members and some have very few members and they may not get the award, hence this proposal wasn't accepted by GB.
38. It was informed to the GB that we will be celebrating the completion of 50 years of AROI In 2026-It was decided to form a Golden Jubilee Celebration Committee to overlook and implement all the suggestions given by Members. We will also have a modified LOGO depicting 50 years of AROI and the same will be used by all States/Zones for their meetings.
39. Dr. Vijay Karan Reddy invited everyone for the AROICON 2026.
40. GB was dissolved with Vote of Thanks by the Secretary General.

# AROI Golden Jubilee

## Suggestions for 50<sup>th</sup> yr celebration of AROI

1. We should increase our social media presence- by letting all our life members know our Twitter, Facebook, and Instagram handles.
2. By disseminating our 50-year logo to all members and requesting them to use it in all academic, social, and corporate events, and in their presentations (last slide)- Logo attached with this mail.
3. We can all highlight our AROI conferences photos year-wise, if we have, fortnightly on our social media handles- State chapter Secretaries should take the lead by contacting senior members from their respective chapter.
4. Celebrate our 50-year AROI in all AROI-related activities by giving a stage for 10 minutes to highlight in our respective state/zone conference, and request one senior member to speak (About her/his/their experience with AROI)- Satet chapter Secretaries to ensure this.
5. We can arrange a walkathon in Hyderabad and request all our state chapter members to join. We can do it on the second day of the conference.
6. Monthly Road show in a planned way thru various State Chapters - Central body to make a time table- State Chapter Secretaries to inform the tentative dates & inform the central body.
7. Banners / Hoardings can be put in the Department of Radiation Oncology across the State about 50 years of celebration. - Banners will be designed by Central body & sent soon.
8. Engagements with other Societies and Bodies for Patient Advocacy and Support Program- State chapter Secretaries to take the initiative.
9. Awareness program in Medical Colleges about Radiation Oncology practice & AROI - State chapter Secretaries to take the initiative.
10. Sports & Cultural Activities -During Hyderabad AROICON to be decided by local Host.
11. Will publish a new Directory of AROI with updated members list & release it during AROICON 2026.

## AROI GOLDEN JUBILEE COMMITTEE

### • PATRONS

- Dr M. K. MAHAJAN, Past President
- Dr M. S. GUJRAL, Past President
- Dr S. C. SHARMA, Past President
- Dr G. K. RATH, Past President
- Dr S. K. SHRIVASTAVA, Past President
- Dr FIRUZA PATEL, Past President
- Dr SHELLY HUKKU, Past President
- Dr RAMESH BILIMAGGA, Past President
- Dr U. P. SHAHI, Past President
- Dr P. VIJAY ANAND REDDY, Past Chair
- Dr RAJESH VASHISTHA, Past Chair
- Dr B. SANYAL, Past Secretary
- Dr S. C. PANDEY, Past Secretary
- Dr G. V. GIRI, Past Secretary

- DR. GAUTAM. K. SHARAN, Vice Chairman – ICRO
- DR. POOJA NANDWANI PATEL, Secretary – ICRO

### • STATES CORE COMMITTEE

- Dr. P. B. Anand Rao, Secretary - AP Chapter
- Dr. Rajesh Singh, Secretary – Bihar Chapter
- Dr. Deepak Kumar, Secretary – Jharkhand Chapter
- Dr. Samir Batham, Secretary – Gujarat Chapter
- Dr. Sunil R. A., Secretary – Karnataka Chapter
- Dr. Sabarinath P. S., Secretary – Kerala Chapter
- Dr. Anil Tibdewal, Secretary – Maharashtra Chapter
- Dr. Suruchi Singh, Secretary- MP / CG Chapter
- Dr. Gautam Sarma, Secretary – North East Zone
- Dr. Pardeep Garg, Secretary- North Zone.
- Dr. Sailendra Narayan Parida, Secretary- Odisha Chapter.
- Dr. Ramesh Purohit, Secretary – Rajasthan Chapter.
- Dr. P. Vijay Karan Reddy, Secretary-Telangana Chapter
- Dr. Rajesh Balakrishnan, Secretary-TN/PY Chapter
- Dr. Md Shadab Alam, Secretary-UP Chapter
- Dr. Koustav Mazumder, Secretary-WB Chapter.

### • CENTRAL CORE COMMITTEE

- PROF. MANOJ GUPTA, Chair – AROI
- PROF. S. N. SENAPATI, President – AROI
- PROF. C. S. MADHU, President Elect – AROI.
- Dr UMESH MAHANTSHETTY, Sr Vice President- AROI,
- Dr VIKAS JAGTAP, Jr Vice President- AROI
- DR. V. SRINIVASAN, Secretary General – AROI
- PROF. SARBANI GHOSH LASKAR, Chairman – ICRO

# Article

## Endometrial Cancer Staging in the Molecular Era: FIGO 2023 and Beyond

**Dr. Gautam Kumar Sharan**

TMC, Muzaffarpur

Radiation Oncologist, Homi Bhabha cancer Hospital & Research Centre, Tata Memorial Centre, Muzaffarpur- 842 004



### 1. Historical Concepts: Bokhman's Dualistic Model

In 1983, Bokhman proposed the influential dualistic model of endometrial carcinoma, dividing tumours into two pathogenetic types:

- Type I
  - Estrogen-dependent
  - Endometrioid histology
  - Often associated with obesity, metabolic syndrome and unopposed estrogen exposure
  - Typically low- to intermediate-grade, with relatively favourable prognosis
- Type II
  - Estrogen-independent
  - Serous, clear-cell and other high-grade non-endometrioid histologies
  - Occur in older women, often without hyperestrogenic risk factors
  - High propensity for deep myometrial invasion, lymphovascular spread and distant metastases

This model shaped clinical thinking for decades, guiding assumptions about risk and adjuvant therapy. However, it could not account for:

- Aggressive behaviour in some low-grade endometrioid (Type I) tumours
- Relatively indolent course in selected non-

endometrioid (Type II) tumours

- The existence of biologically distinct tumours within the same histologic subtype

The limitations of the Bokhman model became clear with the advent of large-scale genomic profiling.

### 2. Transition to Molecular Taxonomy: The TCGA Classification

#### 2.1 TCGA study and methodology

The Cancer Genome Atlas (TCGA) conducted an integrated genomic, transcriptomic and proteomic analysis of 373 endometrial carcinomas using exome sequencing, copy-number arrays, mRNA and microRNA profiling, and DNA methylation analysis.

This analysis identified four robust molecular subgroups:

1. POLE-ultramutated
2. MSI-hypermutated (Mismatch Repair-deficient, MMRd)
3. Copy-number low (CN-low, overlapping with "No Specific Molecular Profile", NSMP)
4. Copy-number high (CN-high, "serous-like", almost always TP53-mutated)

These groups cut across the traditional Type I/Type II division and correlated strongly with prognosis and patterns of failure.

#### 2.2 Biological and clinical features of TCGA groups

#### Table 1. TCGA molecular groups in endometrial carcinoma and their clinical meaning

TCGA thus replaces the binary Type I/Type II model with a four-class molecular framework that is more predictive of outcome and treatment benefit.

### 3. Evolution of Staging: From Anatomy to Biology (FIGO 1970 → FIGO 2023)

- FIGO 1970: purely clinical staging, often inaccurate, with significant under-staging.
- FIGO 1988: adoption of surgical-pathologic staging (total hysterectomy with bilateral salpingo-oophorectomy, peritoneal cytology, lymphadenectomy, omental sampling) dramatically improved assessment of:
  - Depth of myometrial invasion
  - Cervical stromal invasion
  - Adnexal, serosal and nodal involvement



# Article

## 3.2 FIGO 2009 – refined anatomy, but still non-biologic

The FIGO 2009 system refined anatomical categories (Stage IA/IB, II, IIIA–C, IV) but remained wholly anatomy-based. Important prognostic factors such as histologic subtype and lymphovascular space invasion (LVSI), and later molecular class, were not incorporated into stage definitions.

## 3.3 FIGO 2023 – integration of tumour patterns and molecular classification

The FIGO 2023 revision explicitly recognises that anatomy alone is insufficient. It retains the core Stage I–IV framework but adds:

- Formal distinction between non-aggressive histotypes (e.g. low-grade endometrioid) and aggressive histotypes (serous, clear cell, carcinosarcoma, undifferentiated/dedifferentiated).
- Emphasis on LVSI, particularly substantial LVSI as a major adverse factor.
- Recommendation that molecular classification (TCGA/ProMisE) be documented and used in risk

stratification and treatment planning.

## Table 2. Key conceptual differences between FIGO 2009 and FIGO 2023

In practice, FIGO 2023 encourages clinicians to think in terms of “Stage + biology” rather than stage alone—for example: “FIGO 2023 Stage IB, grade 3, substantial LVSI, p53-abnormal” rather than simply “Stage IB”. ProMisE: Proactive Molecular Risk Classifier for Endometrial Cancer

### 4.1 Rationale and design

TCGA’s full platform (whole exome, methylation arrays, etc.) is not feasible for routine clinical use. To bridge this gap, Talhouk and colleagues developed ProMisE (Proactive Molecular Risk Classifier for Endometrial Cancer), a clinically applicable algorithm designed to reproduce TCGA groups using:

- Immunohistochemistry (IHC) for mismatch repair (MMR) proteins and p53
- Targeted sequencing of the POLE exonuclease domain

It produces four mutually exclusive classes with similar prognostic separation to TCGA.

Group	Key biology / markers	Typical histology	Prognosis	Key therapeutic implications
<b>POLE-ultramutated</b>	Pathogenic POLE exonuclease-domain mutations; ultrahigh tumour mutation burden	Often high-grade endometrioid	Excellent (very low recurrence)	Strong candidates for de-escalated adjuvant therapy
<b>MSI-hypermutated (MMRd)</b>	Loss of MMR proteins; MSI-high; hypermutated	Endometrioid, any grade	Intermediate	Standard risk-adapted RT; high sensitivity to PD-1/PD-L1 inhibitors in recurrence
<b>Copy-number low (CN-low)</b>	Few copy-number alterations; PTEN/PIK3CA/ARID1A/CTNNB1 mutations common	Mostly low-grade endometrioid	Intermediate, heterogeneous	Overlaps with NSMP; prognosis refined by ER, grade, LVSI, L1CAM
<b>Copy-number high (CN-high)</b>	Extensive chromosomal instability; universal TP53 mutation; frequent ERBB2 (HER2) amplification	Uterine serous carcinoma, some G3 endometrioid	Poor (early distant relapse)	Requires combined chemoradiation; HER2-targeted therapy if amplified

**Table 1. TCGA molecular groups in endometrial carcinoma and their clinical meaning**

# Article

## 4.2 Stepwise ProMisE workflow

The classical ProMisE algorithm proceeds in a defined hierarchy:

1. MMR IHC (MLH1, PMS2, MSH2, MSH6)
  - Loss of any MMR protein → MMR-deficient (MMRd) class.
  - All retained → proceed to step 2.
2. POLE exonuclease domain sequencing (usually exons 9–14)
  - Pathogenic exonuclease-domain mutation → POLE-mutant class (overrides other findings).
  - No pathogenic mutation → proceed to step 3.
3. p53 IHC
  - Aberrant pattern (diffuse strong overexpression, complete “null” pattern, or strong cytoplasmic staining) → p53-abnormal class (serous-like).
  - Wild-type pattern → p53-wild type / NSMP (No Specific Molecular Profile) class.

Priority rule:

POLE-mutant > MMRd > p53-abnormal > NSMP

## 4.3 Mapping ProMisE to TCGA and prognosis

### Table 3. ProMisE classes, their TCGA analogues and clinical significance

Validation studies confirm that ProMisE stratifies survival similarly to TCGA and is reproducible in routine diagnostic practice, including on pre-operative biopsies.

## 5. NSMP: No Specific Molecular Profile and the Role of Estrogen Receptor

### 5.1 Definition and heterogeneity

NSMP (No Specific Molecular Profile) tumours are defined by:

- Absence of pathogenic POLE exonuclease-domain mutation
- Intact mismatch repair proteins (MMR-proficient)
- Wild-type p53 expression

They largely correspond to the TCGA copy-number low group and account for ~40–50% of endometrial carcinomas. Overall prognosis is intermediate, but NSMP is internally heterogeneous: some tumours behave almost as well as POLE-mutant carcinomas, whereas others recur frequently.

### 5.2 ER-based refinement of NSMP

Several studies, including a large Modern Pathology series by Jamieson et al., showed that combining grade and ER (Estrogen Receptor) status identifies a homogeneous, very low-risk NSMP subset:

- Low-grade (grade 1–2), ER-positive NSMP tumours – termed “favourable NSMP” – showed exceptional outcomes, with disease-specific mortality ~1–2% in stage I disease.
- Grade 3 and/or ER-negative NSMP tumours – “unfavourable NSMP” – constitute a minority but account for most NSMP-related deaths, often displaying high-risk histologies (clear cell, dedifferentiated, mesonephric-like).

Domain	FIGO 2009	FIGO 2023
<b>Basis of staging</b>	Anatomy only	Anatomy plus histotype, LVSI, molecular subclassification
<b>LVSI</b>	Not part of staging	Recognised as major prognostic modifier (especially substantial LVSI)
<b>Histological aggressiveness</b>	Not coded	Aggressive vs non-aggressive categories specified
<b>Molecular classification</b>	Not included	TCGA/ProMisE class recommended as staging modifier
<b>Role in treatment planning</b>	Guides RT/chemo by stage and grade	Used within molecular risk groups and individualised algorithms

Table 2. Key conceptual differences between FIGO 2009 and FIGO 2023

# Article

Additional refiners include:

- L1CAM (L1 cell adhesion molecule) overexpression – marks NSMP/p53-wild-type tumours with high distant metastasis risk.
- CTNNB1 ( $\beta$ -catenin) exon 3 mutations – associated with increased pelvic recurrence even in superficially invasive, low-grade tumours.

Practical clinical shorthand:

- Favourable NSMP: low-grade, ER-positive, L1CAM-negative, CTNNB1-wild-type → often candidates for de-escalated adjuvant therapy (observation or vaginal brachytherapy alone).
- Unfavourable NSMP: ER-negative and/or high-grade and/or L1CAM-positive and/or CTNNB1-mutated → treated similarly to high-intermediate or high-risk disease (pelvic external beam radiotherapy and often chemotherapy).

## 6. Histopathology and Reporting: LVSI and “Ideal” Molecular Pathology Report

### 6.1 Lymphovascular space invasion (LVSI)

LVSI refers to the presence of tumour cells within endothelial-lined vascular or lymphatic spaces. It is a powerful, stage-independent predictor of pelvic and distant recurrence. Most guidelines now recommend reporting LVSI in three categories:

- Absent LVSI – no unequivocal tumour emboli
- Focal LVSI – one or very few foci adjacent to the primary tumour
- Substantial (or extensive) LVSI – multiple foci across several low-power fields and/or

circumferential involvement around the tumour

Substantial LVSI is often the deciding factor between observation or vaginal brachytherapy versus pelvic external beam radiotherapy in otherwise early-stage endometrioid carcinomas.

### 6.2 Key components of an “ideal” integrated pathology report

An optimal report should provide all elements needed for anatomical staging and molecular risk stratification:

- Tumour type (e.g. endometrioid, serous, clear cell, carcinosarcoma)
- FIGO grade
- Tumour size
- Depth of myometrial invasion (mm and % of myometrial thickness)
- Cervical stromal involvement (present/absent)
- LVSI status (absent, focal, substantial)
- Adnexal/serosal involvement
- Margin status (cervical, vaginal, parametrial)
- Nodal status (number examined, number involved, pelvic vs para-aortic)
- IHC: ER, PR (Progesterone Receptor), MMR proteins, p53,  $\pm$  L1CAM,  $\beta$ -catenin
- POLE mutation status (if tested)
- ProMisE molecular class (POLE-mutant, MMRd, p53-abnormal, NSMP)
- Suggested integrated stage (e.g. FIGO 2023 Stage IA, non-aggressive histology)

ProMisE class	Surrogate TCGA group	Typical histology	Prognosis / key notes
<b>POLE-mutant</b>	POLE-ultramutated	Often high-grade endometrioid	Excellent; very low recurrence → adjuvant de-escalation justified
<b>MMRd</b>	MSI-hypermutated	Endometrioid (any grade)	Intermediate; important for ICI in recurrence
<b>p53-abnormal</b>	Copy-number high (serous-like)	Serous, mixed, some grade 3 endometrioid	Poor; high risk of early relapse → chemoradiation standard
<b>NSMP (p53-wild type)</b>	Copy-number low	Mostly low-grade endometrioid	Intermediate but heterogeneous; refined by ER, grade, L1CAM

**Table 3. ProMisE classes, their TCGA analogues and clinical significance**

# Article

## 6.3 Example integrated report

Diagnosis: Endometrioid adenocarcinoma, FIGO grade 2

Myometrial invasion: 5 mm of 12 mm ( $\approx 40\%$ ; Stage IA by depth)

Cervix: No stromal invasion

LVSI: Present, focal (single focus)

Adnexa/serosa: Negative

Nodes: 0/14 pelvic nodes involved

IHC:

– ER: strong nuclear staining in 90% of tumour cells

– PR: strong nuclear staining in 80% of tumour cells

– MMR (MLH1, PMS2, MSH2, MSH6): intact

– p53: wild-type pattern

– L1CAM: negative

–  $\beta$ -catenin: membranous, no diffuse nuclear staining

Molecular testing: POLE exonuclease domain: no pathogenic mutation

Molecular class (ProMisE): NSMP (p53-wild type), ER-positive, low-grade (favourable NSMP)

Pathological stage: FIGO 2023 Stage IA, non-aggressive histology

Such a report allows the multidisciplinary team to confidently classify this cancer as low- or intermediate-risk with favourable NSMP biology, supporting de-escalated adjuvant therapy (observation or vaginal brachytherapy).

## 7. Treatment Implications and Radiotherapy Algorithms in the Molecular Era

### 7.1 Risk grouping (conceptual, harmonising ESGO–ESTRO–ESP/ASTRO/NCCN)

- Ultra-low risk
- POLE-mutant Stage I–II, completely resected  $\rightarrow$  often no adjuvant RT
- Low risk
- Stage IA, low-grade endometrioid, LVSI-negative, MMR-proficient, NSMP–ER-positive  $\rightarrow$  observation; VBT optional
- Intermediate risk
- Stage IB low-grade or Stage IA high-grade without substantial LVSI and favourable molecular profile  $\rightarrow$  VBT alone
- High-intermediate risk
- Stage IB grade 3 or substantial LVSI or Stage II endometrioid; unfavourable NSMP or MMRd  $\rightarrow$  VBT or pelvic EBRT  $\pm$  chemotherapy

- High risk
- Stage III; any p53-abnormal; serous/clear cell/carcinosarcoma; unfavourable NSMP with LVSI  $\rightarrow$  pelvic EBRT + chemotherapy  $\pm$  VBT

### 7.2 Borderline “algorithm” examples

1. Stage IB, grade 2, NSMP–ER-positive, focal LVSI
  1. Anatomical HIR, but biologically favourable.
  2. VBT alone is often adequate (PORTEC-2 consistent).
2. Stage IB, grade 2, NSMP–ER-negative, focal LVSI
  1. Same anatomy but unfavourable NSMP.
  2. Pelvic EBRT is preferred; consider chemotherapy if additional risk factors.
3. Stage IA, serous, p53-abnormal, LVSI-negative
  1. Early stage anatomically, but high-risk molecular biology.
  2. Chemotherapy + RT (at least VBT; many centres add EBRT) recommended.
4. Stage IB, grade 3, POLE-mutant
  1. Anatomically high-intermediate risk, but ultra-low risk POLE biology.
  2. Observation or VBT alone reasonable; ongoing trials (e.g. PORTEC-4a) will refine this further.

## 8. Conclusion

The journey from Bokhman’s dualistic model to TCGA–ProMisE molecular classification and FIGO 2023 staging has fundamentally changed how we conceptualise endometrial carcinoma. Stage and histology remain important, but they are no longer sufficient.

Modern risk assessment integrates:

1. Anatomical stage (FIGO 2023)
2. Histological type and grade
3. LVSI pattern (especially substantial LVSI)
4. Molecular class (POLE-mutant, MMRd, p53-abnormal, NSMP refined by ER, L1CAM, CTNNB1)

Within this framework:

- POLE-mutant tumours emerge as ultra-low risk, prime for de-escalation.
- p53-abnormal tumours define a high-risk group requiring aggressive multimodality therapy.
- MMRd tumours sit in the middle, with strong implications for immunotherapy in relapse.



# Article

- NSMP tumours, once a catch-all category, are now stratified by ER status and grade into truly favourable vs unfavourable subsets, altering decisions about pelvic radiotherapy and chemotherapy.

For radiation oncologists and gynaecologic oncologists, the key question is no longer simply “What is the stage?” but rather: “What is the stage, histotype, LVSI pattern and TCGA/ProMisE class—and, if NSMP, is it ER-positive or ER-negative?”

Only by answering all of these can we deliver genuinely individualised, evidence-based, and biologically coherent treatment in endometrial cancer.

## Suggested Reading

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# Education

## AROI-Endorsed Daily OSCE Project by SCOPE Group



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OSCE Project Admin

Junior Consultant, Dept. of Radiation Oncology  
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Bhubaneswar, Odisha

The Objective Structured Clinical Examination (OSCE) has long served as a dependable and standardized way to assess clinical competence among postgraduate medical trainees in India. Harden and colleagues introduced the OSCE format in 1975 to address the gaps in conventional long and short case examinations, which often varied between examiners and lacked consistency in evaluating practical skills [1]. Since then, OSCE has become the benchmark for assessing clinical skills in medicine, nursing and allied health sciences.

Over the past decade, medical education has changed rapidly. Digital learning has become integral to training, and social media platforms that once supported casual communication now play an important role in academic engagement. WhatsApp, in particular, has emerged as a practical tool for collaborative learning, quick feedback and interactive academic discussion among medical trainees. Within this evolving landscape, the AROI-endorsed Daily OSCE Educative Oncology Project stands out as an innovative model that blends structured OSCE-style learning with the accessibility of a digital platform.

### A Year of Continuous Learning

The Daily OSCE Project, launched on 29 September 2024, set out with a simple but ambitious goal: to help radiation oncology residents strengthen their clinical thinking every single day. The idea was to post one OSCE-style question on a WhatsApp group each day, encourage residents to attempt it throughout the day and share answers the following morning. This approach mirrors the core philosophy of OSCE—structured tasks, objective reasoning and practical clinical relevance—while using a platform familiar and easily accessible to every student.

Daily exposure to clinically oriented questions ensures that residents stay connected with core concepts in radiation oncology, including radiobiology, physics, brachytherapy, imaging, clinical oncology, systemic therapy and palliative care. Instead of last-minute exam preparation, the project promotes consistent learning and incremental skill-building. With time, this model has shown that structured repetition improves problem-solving, builds confidence and encourages residents to think clinically outside their routine work hours.

# Education

## Day-wise Academic Structure

The project followed a consistent weekly structure with dedicated mentors who prepared questions in their respective domains. The day-wise schedule is reproduced from the project file:

Table 1: Day-wise Topic Allocation and Contributors

Day	Assigned Topic	Assigned Contributors
Monday	Radiobiology	Dr. Karthika Nageswararaj
Tuesday	Radiology	Dr. Raghav Gaur
Wednesday	Landmark Trials	Dr. Surya Prakash Vankina / Dr. Tapas Kumar Dash
Thursday	Radiation Physics	Dr. Bhargav Krishna Madasu / Dr. Syed Aman
Friday	Clinical Oncology	Dr. Tatapudi Priyalice / Dr. Kaviya Lakshmi Radhakrishna
Saturday	Brachytherapy	Dr. Partha Sarathi Bhattacharyya / Dr. Dona Treesa Vincent / Dr. Pooja Preumal
Sunday	Biostatistics, Chemotherapy, Supportive & Palliative Care	Dr. Ajitesh Avinash (Project Administrator)
Weekly Debrief	Expert Opinion	Dr. Kanhu Charan Patro (Project Director)

This structured distribution ensured academic diversity, high-quality questions and a balanced weekly learning experience.

## Growing Participation: Members Across India and Abroad

Over the past year, the Daily OSCE project has expanded into a diverse academic network with residents and young oncologists participating from across India and several countries overseas, including the United Kingdom, United States, United Arab Emirates, Oman, Bahrain, Nepal and Bangladesh. International involvement has also highlighted how structured OSCE-style learning remains relevant across different healthcare systems. The presence of members from both Indian and global cancer centres underscores the value of this initiative and its growing reputation as an accessible, high-quality platform for oncology education.

## Celebrating Excellence: Winners for 2024–2025

The first anniversary marks not only the completion of a successful academic year but also the recognition of talented residents who showed consistent engagement and high performance throughout the project.

- Gold Medal: Dr. Avilash Banerje
- Silver Medal: Dr. Piyush Mishr
- Bronze Medal: Dr. Harni Natarajan

## Consolation Prize Winners

- Dr. Rahul Thirugnanam
- Dr. Arkaprabha Mitra
- Dr. Kartika Sehrawat

These awards highlight dedication, academic discipline and an ongoing commitment to improving clinical reasoning skills.

## Role of the SCOPE Group

The OSCE Educative Oncology Project is an initiative of the SCOPE (Simplified and Comprehensive Oncology Practice and Education) group, a team of oncologists committed to making oncology education clear, accessible and easier to apply in practice. SCOPE focuses on creating structured learning resources, educative presentations, academic discussions and simplified explanations for complex oncology topics. The daily OSCE program aligns perfectly with the group’s mission of helping residents learn continuously in a structured but approachable way.

OSCE-based teaching has now become one of SCOPE’s core educational goals. By using a daily digital format, the group ensures that residents receive consistent exposure to clinical reasoning, evidence-based decision-making and practical oncology training.

This commitment reflects SCOPE’s broader purpose of supporting residents and young oncologists with reliable, simple and high-quality educational tools.

## A Note of Appreciation

This project would not have grown into a year-long academic movement without the unwavering support of the Association of Radiation Oncologists of India (ARO). We express our sincere gratitude to the all office bearers of ARO for endorsing the initiative, encouraging participation and supporting resident training across the country.

We also thank our mentors for their commitment to preparing high-quality OSCE cases, answers and consultants for supporting their residents throughout the year. Their consistent efforts have been central to the project’s success.

# Education

## Conclusion

The first year of the AROI-endorsed Daily OSCE Educational Oncology Project demonstrates how structured learning and digital platforms can work together to strengthen medical training. By combining OSCE methodology with the flexibility of WhatsApp, the project has created a simple, scalable and effective model for postgraduate oncology education. As we enter the next academic year, we

hope to expand participation, refine content further and continue building a generation of residents confident in their clinical knowledge and practical skills.

## References

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# Accolades



## Dr. Atul K Gupta

AROI LM 4291

DM Resident (Radiotherapy & Oncology), AIIMS Jodhpur  
Diploma in Medico-legal Services  
Cancer Literacy Advocate

## World Record Holder

- Grand Master - Asia Book of Records
- Record Holder - India Book of Records, Asia Book of Records & International Book of Records
- Founder - Cancer Gyan Series



# Conferences

## Annual Conference North Zone AROI Chapter

1-2 Nov 2025

Christian Medical College, Ludhiana

Update from  
Dr. Pardeep Garg

The 29<sup>th</sup> Annual Conference of the North Zone Association of Radiation Oncologists of India shone brightly at the distinguished Christian Medical College, Ludhiana, on the 1<sup>st</sup> and 2<sup>nd</sup> of November 2025. With the noble theme of Cancer Survivorship, the gathering celebrated not merely the science of treatment, but the triumph of life after cancer. Esteemed faculty and delegates journeyed from every proud corner of the zone—Jammu & Kashmir, Punjab, Haryana, Himachal Pradesh, Uttarakhand, the vibrant Chandigarh Tricity, and the capital region of Delhi—NCR—each adding their expertise to this academic confluence.

A jewel in the crown of Day 1 was the prestigious Dr B. D. Gupta Oration, masterfully delivered by the eminent Prof. Dr. Rakesh Kapoor, whose words

echoed both wisdom and hope. The scientific enthusiasm was reflected in the submission of more than 80 abstracts, showcasing the robust research culture of the North Zone.

Gracefully led and impeccably organised by Dr Pamela Jeyaraj and Dr Jainet, the conference commenced with a dignified inauguration graced by the Civil Surgeon, Ludhiana, the Director of CMCH, and the Principal of CMCH. Their presence underscored the strong institutional support for oncology advancement. The event was widely admired for its seamless execution, academic richness, and heartfelt camaraderie—leaving participants inspired to continue serving patients with renewed dedication.



# Conferences

## Annual Conference UP AROI Chapter

8 Nov 2025

Dr A. K. Chaturvedi Cancer Hospital & Research Institute,  
Gorakhpur

Update from  
Dr. Md Shadab Alam

The 36<sup>th</sup> UP- AROICON meeting of the UPAROI Society was held on 8<sup>th</sup> November 2025 at Courtyard by Marriott, Gorakhpur, organized by Dr A. K. Chaturvedi Cancer Hospital & Research Institute Pvt Ltd in association with the Oncology Integrated Research Foundation (OIRF). More than 250 participants – clinicians, physicists and researchers from across India – contributed nearly 50 abstracts for oral and poster sessions.

### Inaugural Ceremony

The Grand Ballroom inaugural assembled eminent dignitaries: Chief Guest Prof Dr R. K. Jaiswal, Principal BRD Medical College, Gorakhpur; Guests of Honour Prof Dr Surendra Nath Senapati (President, AROI) and Dr C. S. Madhu (President Elect, AROI); and Advisor Dr Shelly Hukku (Sir Ganga Ram Hospital, New Delhi), who spoke on the human dimension of precision oncology. Representing UPAROI, Dr Pawan Mehrotra (President) and Dr Md Shadab Alam (General Secretary) congratulated the organisers and highlighted resident training. The credential for the inaugural was delivered by Dr Mohammad Mamun Khan, Organising Secretary, and the souvenir was released by Dr A. K. Chaturvedi before a Vote of Thanks formally opened the scientific sessions.

The Dr M. C. Pant Oration, delivered by Dr Shelly Hukku, titled “Beyond the Beam: The Human Side of Radiation Oncology,” set an emotive tone linking technical excellence with human values.

The Dr B. N. Lal Oration, presented by Dr Nirmal Kumar Painuly, “Human–Machine Teaming is Key to Predicting Prognosis,” explored AI and data-driven decision-making.

The Onco-Quiz Winners: 1<sup>st</sup> – HBCH Varanasi; 2<sup>nd</sup> – KGMU Lucknow; 3<sup>rd</sup> – SNMC Agra.

Academic Awards and Recognitions included Dr Arun Kumar Yadav (Young Faculty – 1<sup>st</sup>), Dr Alauddin Ansari (Best Paper SR – 1<sup>st</sup>), Ms Anu Roy (MP Faculty

– 1<sup>st</sup>), Ms Indumaya (MP Intern – 1<sup>st</sup>), Ms Sandhiya R (MP Intern – 2<sup>nd</sup>), Dr Fatima Zohra, Dr Dipanjan Nandi, Dr Anjalikrishna (JR Category – 1<sup>st</sup> & 2<sup>nd</sup> Prizes), and Dr Prasenjit Nath, Dr Aditya Gyanasagar, Dr Dhruv Mugrai (Best Poster).

In the GBM:

1. The President of the UPAROI, Dr Pavan Kumar, welcomed all the members present in the meeting and thanked the organizing chairman of the 36<sup>th</sup> UPAROI conference- A. K. Chaturvedi and organizing secretary Dr Mohammad Mamun Khan for a very well organized and successful event. The General Secretary of the UPAROI, Dr Md Shadab Alam, first presented the Minutes of the GBM in the last 35<sup>th</sup> UPAROICON 2024. Then he presented the Annual report of the activities conducted by the UPAROI w.e.f 16<sup>th</sup> December 2023 till date.
2. The financial report of year 2024-25 was read by Treasurer Dr. Kailash Mittal. Total 115 new members were added and 2 members renewed their registration in the UPAROI family from December 2023 till date.
3. The following information regarding the work done for the 1<sup>st</sup> time during the period of December 2023 – November 2025, was shared with the house
  - 1<sup>st</sup> time A separate Account of the Office, opened.
  - 1<sup>st</sup> time A PAN Number related to the Office Account obtained.
  - The UPAROI Membership Form Modified with inclusion of the New Account Details of the Society.
  - 1<sup>st</sup> time Constitution of an Honorary Advisory Committee – valid for the period of current Office

# Conferences

## Annual Conference UP AROI Chapter

8 Nov 2025

Dr A. K. Chaturvedi Cancer Hospital & Research Institute,  
Gorakhpur

Update from  
Dr. Md Shadab Alam

- 1st time Constitution of an Honorary Advisory Committee – valid for the period of current Office.
  - 1<sup>st</sup> time Constitution of an Executive Committee - valid for the period of current Office.
  - 1<sup>st</sup> time Official Inauguration of an Official Letterhead and Official LOGO of UPAROI Society.
  - 1<sup>st</sup> time Official Inauguration of UPAROI Members Directory including the details of the UPAROI Members. Till now, 300 Members have become part of the UPAROI Society. (Uploaded on the UPAROI Website)
  - 1<sup>st</sup> time Official Inauguration of UPAROI E-Newsletter (Zero Edition).
  - 1<sup>st</sup> time Official Inauguration of dedicated Website of the UPAROI Society ([www.uparoi.com](http://www.uparoi.com)). All details are already uploaded on the website.
  - 1<sup>st</sup> time Assignment of a separate UPAROI Membership Number. E-Certificate of the UPAROI Membership has been sent to all the members.
  - Information shared regarding Increase in the Fees of UPAROI Membership from Rs. 1500 to 2500 (for fresh Memberships) & Rs. 1000 to 1500 (for Renewal).
  - The General Secretary, Dr Shadab Alam, informed regarding for the 1st time the Draft Composition of a separate Constitution of UPAROI Society (based on the National AROI Constitution). It has already been sent for feedback from the Executive & Honorary Advisory committees. In the GBM it was informed that the necessary corrections in the draft constitution, as per the feedback received, is going on. Very soon the finalized draft copy will be circulated to all the members and be sent to the National AROI body for final Approval, after which it will be uploaded on the society website.
  - List of Academic Activities carried out in 2023-2025 and to be carried out in 2025-2026 by different Institutes, were enlisted.
4. Proposals were made before the house regarding:
- Start of an Online Platform for conduction of regular online interinstitutional academic activities under the banner of the Society (Details to be circulated soon) - Approved by the house.
  - Planning to Start UPAROI Fellowship program for Residents and Young Faculties (subject to availability of funds) - GBM Approved.
  - Proposal to constitute a Scientific Committee of UPAROI Society (of minimum of 3-5 members from the Executive Members) – to look after the Scientific Programmes of UPAROICON (Preparation & Finalization of Scientific Programme, Finalization of Names of candidates for Orations etc) - GBM Approved.
5. Election of Office Bearers
- President – Dr Sonia Tiwari, Department of Radiation Oncology, Regional Cancer Centre, Kamala Nehru Memorial Hospital



# Conferences

## Annual Conference UP AROI Chapter

8 Nov 2025

Dr A. K. Chaturvedi Cancer Hospital & Research Institute,  
Gorakhpur

Update from  
Dr. Md Shadab Alam

Campus,1-Hashimpur Road, Prayagraj, U.P.

- General Secretary (Re-Elected for 2<sup>nd</sup> Term) – Dr Md Shadab Alam, Department of Radiation Oncology, JN Medical College & Hospital, AMU, Aligarh, U.P.
  - Treasurers (Re-Elected for 2<sup>nd</sup> Term) – Dr Kailash Kumar Mittal, Department of Radiation Oncology, UPUMS, Saifai, U.P.
6. As decided in the last GBM and shared in the minutes, 37th annual meeting of UPARO 2026 will be organized by KSSSCI, Lucknow (Dr Sharad Singh). Proposals were invited from members present as to who would conduct the 38th

annual meeting of UPARO 2027 and, Dr. Ashutosh Mukherji (MPMMCC & HBCH, Varanasi), Dr Kailash Mittal (UPUMS, Saifai) and Dr Siddharth Arora (Rohilkhand Medical College and Hospital, Bareilly) showed their interest. Finally Dr Kailash Mittal and Dr Siddharth Arora backed up and it was unanimously decided that the 38th annual meeting of UPARO 2027 will be organized by MPMMCC & HBCH, Varanasi (Dr. Ashutosh Mukherji). All the best to the future organizers of the events.

The meeting ended with a note of thanks to all the members present in the meeting. A total 65 members participated in this general body meeting.





# Conferences

## Annual Conference Maharashtra Chapter

15 Nov 2025

Sir HN Reliance Hospital, Mumbai.

Update from

Dr. Sarbani Ghosh Laskar & Dr. Anil Tibdewal

Maharashtra State Chapter – AROI 2025 annual meeting was held on 15<sup>th</sup> November 2025 at Jio World Convention Centre, organized by Department of Radiation Oncology at Sir HN Reliance Hospital, Mumbai. The conference was aptly themed on Advancing Radiation Oncology, Together with special focus on Motion Management in Radiation Oncology. The conference attracted more than 175 registration and was attended by Radiation Oncologists from all parts of Maharashtra.

The conference was organized under the able leadership of Dr. Prasad Dandekar, whole-heartedly supported by his team at Sir HN Reliance Hospital, Mumbai. The Scientific programme was designed in such a way that both Young and Senior Radiation Oncologists got the chance to share their insights on motion management and advancing Radiation Oncology. The scientific programme was curated by Dr. Dandekar's team under the supervision of Dr. Sarbani Ghosh Laskar and Dr. Anil Tibdewal. The conference was followed by a Quiz competition for the post graduate students which was attended by 35 PG students. The excitement among the young

students was overwhelming. The organizing team also felicitated Surgeon Vice Admiral Dr. Arti Sarin, AVSM, VSM, and Director General Armed Forces Medical Services.

The conference concluded with the Annual General meeting of Maharashtra State Chapter of AROI and was attended by more than 50 members. The Election of office bearers was held and Dr. Sarbani Ghosh Laskar was elected as President and Dr. Anil Tibdewal was elected as Secretary for the next 3 years. The conference was followed by a gala dinner at Arts café at Jio World Convention Centre for socializing and networking for all the registered delegates.



# Conferences

## AROI Virtual Session London Global Cancer Week 2025

25 Nov 2025

Update from  
Dr. Monica Malik

The Association of Radiation Oncologists of India (AROI) hosted a high-impact virtual session during London Global Cancer Week (LGCW) 2025 on 25 November, bringing together faculty from India some of whom are global leaders in cervical cancer research and guideline development. The 90-minute program focused on the rapidly evolving treatment landscape for locally advanced cervical cancer (LACC) and explored how new evidence can be effectively integrated into clinical practice to improve patient outcomes.

The session was organized, chaired, and moderated by Dr. Monica Malik (NIMS Hyderabad). Dr. Deepa Joseph (AIIMS Rishikesh), served as co-chair.

### Scientific Program

Three expert-led presentations addressed key areas shaping the future of cervical cancer care:

1. Implementing High-Quality Radiation Therapy in Ca Cervix: Benefits, Challenges and Solutions - Presented by Dr. Supriya Chopra (Professor, Tata Memorial Hospital, Mumbai)
2. Neo-Adjuvant Chemotherapy in Locally Advanced Cervical Cancer: Dissecting the Evidence and Its Applicability in Clinical Management - Presented by Dr. Umesh Mahantshetty (Director HBCH&RC, Visakhapatnam)
3. Immune Checkpoint Inhibitors in Cervical Cancer: Balancing Innovation and Sustainability - Presented by Dr. Senthil Rajappa (Medical Oncologist, BIACH & RI, Hyderabad)

### Key Highlights

Speakers reviewed significant advances in LACC management, including improved outcomes with high-quality radiation therapy, emerging data on neo-adjuvant chemotherapy, and the expanding role of immune checkpoint inhibitors.

The discussions emphasized:

- Evidence-based patient selection
- Implementation feasibility across diverse healthcare systems
- Challenges related to access, affordability, and sustainability
- The critical importance of strengthening radiation infrastructure
- The need for resource-stratified, context-appropriate treatment recommendations

The panel also called for enhanced collaborative research and stronger policy support to ensure equitable adoption of new treatment strategies, particularly in resource-limited settings.

### Participation & Reach

The session drew strong international attention, with over 550 delegates from 14 countries registering, and more than 175 participants attending live. A video recording of the session will be made available on the London Global Cancer Week 2025 website.

### AROI's Continued Commitment

AROI's active presence at LGCW 2025 reaffirms its dedication to advancing cervical cancer care through innovation, evidence-based practice, and meaningful global collaboration.

# Conferences

## Annual Conference AROICON 2025

**27- 30 Nov 2025  
Kolkata**

**Update from  
Dr. Jyotirup Goswami**

The 45<sup>th</sup> National Conference of AROICON, AROICON 2025, was organized at Biswa Bangla Convention Centre, Kolkata between 27-30 November 2025, by the AROI-West Bengal Chapter (in collaboration with Narayana Health). The theme of the conference was “Evidence-Empathy-Enterprise-Excellence”, enshrining academic endeavor with personalized care and entrepreneurship.

The event was a grand success with nearly 1700 attending member delegates, including nearly 500 faculty members, from across the country, as well as renowned figures from across the world’s leading cancer centers. Overseas faculty included Dr Charlotte Coles (UK), Dr Soren Bentzen (Denmark/USA), Dr Anne WM Lee (Hong Kong), Dr Alexandra Taylor (UK), Dr Matthew Hatton (UK), Dr Somnath Mukherjee (UK) & Dr Prajnan Das (USA).

The gala event was an enthralling mix of science and research, interspersed with networking and culture. The spectacular venue itself came in for much praise with its state-of-the-art facilities mirroring those at the world’s best convention centers. A major technological innovation was the use of a mobile app, allowing delegates and faculty to access a wide range of information about topics and speakers. Another innovation was placement of the Proffered Paper sessions in the main halls during the relevant site-related sessions.

For the first time, sessions were held in 4 parallel main halls, this allowing each major cancer track to be covered in two sessions, rather than one, thereby maximizing coverage of topics and involving more faculty.

The event was notable for the notable collaborations achieved. On the one hand, the ICRO workshop on 27th November 2025 was held for the first time in collaboration with ASCO, with active and energetic participation of ASCO faculty, Dr Roselle de Guzman (Philippines), Dr Wan Zamariah Wan Ishaak (Malaysia), Dr Matthias Holdhoff (USA) and Dr Melvin LK Chua (Singapore). Further on, a partnership agreement was also signed with ASTRO, represented by Dr Vivek Kavadi, CEO.

The distinguished Orators for AROICON 2025 were:

1. Dr BD Gupta Memorial Oration: Dr Manoj Gupta, Chair, AROI
2. Padma Shree Dr M Krishnan Nair Memorial Oration : Dr JP Agarwal, Tata Memorial Hospital, Mumba
3. Padma Shree Dr Ketayun A Dinshaw Memorial Oration: Dr Vivek Kavadi, CEO, ASTRO

As with previous AROICONs, there was a range of active involvement for the delegates, including the various fellowship interviews, the Best Paper sessions, the Proffered Paper sessions and of course, the grand Quiz.

The conference was accompanied by an extensive trade exhibition in the adjacent Biswa Bangla Exhibition Centre. The delegates and faculty also enjoyed a variety of entertainment across genres, including traditional Baul music and Chhau dance of Bengal, Western classical music (Abraham Mazumdar Music Academy), Hindustani classical music (Pt. Tejendra Narayan Majumder with Pt. Tanmoy Bose) and pop & rock music (Sleeping Pillz), and were regaled with delectable food spanning many different cuisines.



# Conferences

## Annual Conference AROICON 2025

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Kolkata

Update from  
Dr. Jyotirup Goswami



Padma Shri Prof. K. A. Dinshaw Memorial Oration



Padma Shri Prof. M Krishnan Nair Memorial Oration



Dr. B. D. Gupta Memorial Oration





# AROI - ASTRO MoU

## AROI - ASTRO MoU Signing Ceremony

29 Nov 2025  
Kolkata



A formal agreement was signed between AROI & ASTRO by Dr Vivek S. Kavadi – CEO ASTRO & Dr S. N. Senapati- President AROI on 29th Nov 2025.

ASTRO has selected 3 international ambassadors from India:

1. Dr. V. Srinivasan (Secretary General-AROI)
2. Dr. Kaustav Talapatra (AROI-ASTRO Coordinator)
3. Dr. Vedang Murthy (TMH, Mumbai)

# Election Results

## Maharashtra AROI Chapter



### **President**

Dr. Sarbani Ghosh Laskar  
Professor, Department of Radiation Oncology  
TMH, Mumbai  
98208 34386, Email id: [sarbanilaskar@gmail.com](mailto:sarbanilaskar@gmail.com)



### **Secretary**

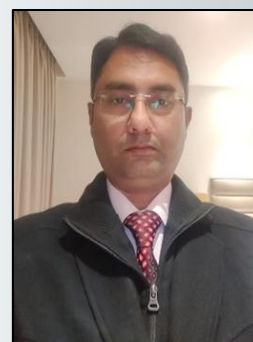
Dr. Anil Tibdewal  
Professor, Department of Radiation Oncology  
TMH, Mumbai  
9757352747, Email id: [aniltibdewal@gmail.com](mailto:aniltibdewal@gmail.com)

## UP AROI Chapter



### **President**

Dr. Sonia Tiwari  
Department of Radiation Oncology  
Regional Cancer Centre, Kamala Nehru Memorial  
Hospital Campus, 1-Hashimpur Road, Prayagraj, U.P.  
9450629141E, mail- [Tiwarisonia05@gmail.com](mailto:Tiwarisonia05@gmail.com)



### **Secretary**

Dr. Md Shadab Alam  
Department of Radiation Oncology  
JN Medical College & Hospital, AMU, Aligarh  
9634464879, Email id: [roshanshadab@yahoo.co.in](mailto:roshanshadab@yahoo.co.in)

# Election Results

## West Bengal Chapter



### President

Dr. Subrata Chatterjee

Professor and HOD, Dept of Radiotherapy  
Medical College and Hospital Kolkata

98311 43376, Email id: [chatterjeesubrat@gmail.com](mailto:chatterjeesubrat@gmail.com)



### Secretary

Dr. Koustav Mazumder

Assistant Professor Dept of Radiation Oncology  
Chittaranjan National Cancer Institute Kolkata

9831872972, Email id: [koustavmajumder1986@gmail.com](mailto:koustavmajumder1986@gmail.com)

## Obituary

### Dr. Kiran Shankar Bhattacharya (LM 469)



Dr. Kiran Shankar Bhattacharya had obtained his post-graduate degree in Radiation Oncology from Calcutta University while in Government Service as a Demonstrator of Pharmacology. Then he joined the West Bengal Medical Education Service and served in Radiation Oncology departments of different Medical Colleges of the state in different teaching positions. He had been an active and a very enthusiast member of AROI from the very beginning of the birth of AROI West Bengal chapter and served as its treasurer for about 4 yrs and took great initiative along with others for development and growth of the association in the early years. He had a pleasant personality and good relations with his colleagues in the department. He left for heavenly above in early August 2025. He is survived by his wife and only son, who is also a doctor, at the time of his passing. May his soul rest in peace.

# Awards & Fellowships

## A. FICRO AWARDS 2025

1. Dr Rojymon Jacob
2. Dr Thomas Samuel Ram
3. Dr K J Maria Das
4. Dr Tabassum Abdul Wahid Wadasadawala
5. Dr Indu Bansal Aggarwal
6. Dr Anusheel Munshi

## B. FELLOWSHIPS

- **Fellowship >50 yrs age group:** 1.  
Dr Siddanna Palled - KMIO  
Bangalore
- **Fellowship 41-50 yrs age group:**
  1. Dr Monica Malik- Nizam's Institute of sciences, Hyderabad
  2. Lt Col Dr Niharika Bisht- Army Hospital Research and Referral, New Delhi
  3. Waiting List: Dr Aparna M. P.- RCC, Trivandrum
- **Fellowship 35-40yrs age group:**
  1. Dr K. Sruthi- Amrita Institute Kochi
  2. Dr Shirley Lewis- KMC Manipal
  3. Dr Deepika Malik- SAMC & PGI Indore
  4. Dr Deepak Kumar- Ranchi Cancer Hospital Ranchi
- **Fellowship 30- 35 yrs age group**
  - **International**
    1. Dr Abhishek Krishna- KMC, Mangalore
    2. Dr Shruti Bansal – SGPGIMS Lucknow
    3. Dr Debjit Ghosh – CNCI Kolkata
    4. Dr Rashmi Yadav- Hind Institute Barabanki
    5. Dr Ajitesh Avinash- Sum Ultimate Medicare Bhubaneswar
  - **National**
    1. Dr Raka Banerjee – CNCI Kolkata
- **Neil Joseph Fellowship:**
  1. Dr Nandita Samanta – Burdwan Medical College Kolkata
  2. Dr Avilash Banerjee - Yashoda Superspeciality Hospital Hyderabad

3. Dr Aryan Malhotra– Burdwan Medical College Kolkata
4. Dr Pamela Sen – BHU Varanasi
5. Dr Kamku Bagang– AHPGIC Cuttack
6. Dr Srilekha Balaga – AIMS Kochi
7. Dr Harpreet Kaur – AIIMS, Rishikesh
8. Waiting list - Dr Anjalikrishna N. P. – AIIMS Gorakhpur

- **Less than 45 yrs RT Technologist:** Mr Abhishek Pandey – Kalyan Singh Hospital Lucknow
- **Medical Physicist fellowship (<40yrs):** Mr Sumanta Manna – Kalyan Singh Hospital Lucknow

## C. BEST PROFFERED PAPERS FOR SENIOR MEMBERS (>40YRS & <40YRS)

- **Best Proffered paper for senior members (>40yrs):** Dr Priya Iyer – Cancer Institute Chennai
- **Best Proffered paper for senior members (<40yrs):** Dr Shirley Lewis – KMC Manipal

## D. BEST PAPER AWARDEES

- **DR M S GUJRAL GOLD MEDAL:** Dr Smriti Ram- Medanta Gurugram
- **DR M C PANT GOLD MEDAL:** Dr Urvashi Gupta- KMIO Bangalore
- **DR K T BHOWMIK YOUNG DOCTOR AWARD (TRAVEL FELLOWSHIP):** Dr Naziba Karim Khondekar- Apollo Cancer Centre Kolkata

## E. TRAVEL GRANT

1. Dr Vinayak Padmanabhan – GAAMCH Kanchipuram
2. Dr Pratik Manik Arote– Kolkapur Cancer Centre Kolhapur
3. Dr Harismita Devi – PGIMER Chandigarh
4. Dr Navaneetha Lakshmi R. – Cancer Institute Adyar
5. Dr Pasuspuleti H. H. Manikanta Sai Hanuman – TMC Kolkata

## F. GOLD MEDAL MEDICAL PHYSICS

- Dr Vysakh Raveendran – ACTREC TMH, Mumbai



# AROI Calendar

<b>AROI - YROC 2026</b>				
NIMHANS CONVENTION CENTRE, Bengaluru, Karnataka	24-25 Jan 2026	Dr. S D ShamSundar	7760612035	Beyond the Beam: Pushing boundaries, Transforming outcomes.
<b>ICRO - SUN PG</b>				
1. JN Medical College, AMU, Aligarh	11-12 Apr 2026	Dr. Md.Shadab Alam	9634464879	GI Malignancies
2. Cancer Institute, Adyar, Chennai	4-5 July 26	Dr. Priya Iyer	9498082772	Thoracic Malignancies
3. Cancer Hospital, IGMCI, Shimla	5-6 Sep 26	Dr. Manish Gupta	9418455673	Stereotaxy
<b>ICRO – INTAS RADIOBIOLOGY COURSE (Prof. Manoj Gupta)</b>				
SGRR Institute of Medical and Health Sciences, Dehradun (UK)	Nov 26	Dr. Manoj Gupta	9418470607	RADIOBIOLOGY
<b>AROI - ESTRO Teaching Courses</b>				
1. 12 <sup>th</sup> AROI-ESTRO Advanced Technologies	29 Jan – 1 Feb 2026	Dr. Rakesh Kapoor	9872648344	PGIMER, Chandigarh
2. 9 <sup>th</sup> AROI-ESTRO Gynaec	26-29 Mar 2026	Dr.Tapas Kumar Dora	9464448823	HBCH & RC, New Chandigarh
3. 4 <sup>th</sup> AROI-ESTRO Head & Neck	4-6 June 2026	Dr. Shalini Singh	9335904587	SGPGIMS, Lucknow
4. 13 <sup>th</sup> AROI-ESTRO Advanced Technologies	Jan 2027	Dr. Pardeep Garg	9646366555	GGSMCH, Faridkot
<b>Best of ASTRO</b>				
BOA - June 2026	Dr. Kanika Sood Sharma	9899320923	Narayana Health, New Delhi	BOA - June 2026
<b>46<sup>th</sup> AROICON 2026</b>				
HYDERABAD CONVENTION CENTRE - 03-06 Dec 2026	Dr. Vijay Karan Reddy	9912320002	AROI Telangana Chapter at Hyderabad	HYDERABAD CONVENTION CENTRE 03-06 Dec 2026

# Events to Attend



ASSOCIATION  
OF RADIATION  
ONCOLOGISTS  
OF INDIA





UDAIPUR  
ONCOLOGY  
FORUM

**ANNUAL CONFERENCE OF**

ASSOCIATION OF RADIATION ONCOLOGISTS' OF INDIA

# RAJ AROICON 2025

**THEME** Innovating Cancer Care : Precision, Compassion and Collaboration

**10<sup>th</sup> - 11<sup>th</sup>**  
**SAT SUN**  
**JANUARY**  
**2026**

Venue : AIIMS Medical College Auditorium  
GBH Cancer Hospital, Near Transport Nagar, Bedwas, Udaipur



**GBH CANCER HOSPITAL**  
AMERICAN INTERNATIONAL INSTITUTE OF MEDICAL SCIENCES UDAIPUR (RAJ.) INDIA

\*Eligible for RMC Credit Hours.

# Events to Attend



## YOUNG RADIATION ONCOLOGISTS CONFERENCE



DATE

24 - 25, Jan 2026



NIMHANS  
CONVENTION CENTRE

H O B U R MAIN ROAD, LAKKASANDRA,  
H O M B E G O W D A N A G A R, B E N G A L U R U,  
K A R N A T A K A 5 6 0 0 2 9

Greetings from Namma Bengaluru!

It is with great pleasure that **we welcome you to the Young Radiation Oncologists Conference (YROC-2026)**, proudly organized by the Department of Radiation Oncology, Kidwai Memorial Institute of Oncology, Bengaluru, in association with the Association of Radiation Oncologists of Karnataka.

Warm Regards,  
Organizing Committee  
YROC 2026

CLICK HERE  
TO REGISTER

(OR)



SCAN HERE TO REGISTER



### CONFERENCE HIGHLIGHTS



400+

DELEGATES



100+

ABSTRACTS



70+

FACULTIES



20+

SPONSORS

Conference Secretariat:  
Kidwai Memorial Institute of Oncology  
IndirWHQx-79H Dr MH, Marigowda Rd, Lakkasandra,  
Hombegowda Nagar, Bengaluru, Karnataka 560029

+91 85558 66099  
yroc2026bengaluru@gmail.com  
www.yroc2026.com



# Events to Attend



Endorsed by<sup>7</sup>

**ESTRO**



## 12<sup>th</sup> AROI-ESTRO

### Teaching Course on Advanced Technologies in Radiation Oncology

**ORGANIZED BY: DEPARTMENT OF RADIOTHERAPY & ONCOLOGY  
PGIMER CHANDIGARH**

 29<sup>th</sup> January - 1<sup>st</sup> Feb 2026

 NINE Auditorium, PGIMER Chandigarh

**COURSE DIRECTORS**

**Prof. Ben Heijmen**  
Medical Physicist  
ERASMUS MC  
ROTTERDAM (NL)

**Dr. Indranil Mallick**  
Radiation Oncologist  
Tata Medical Center  
KOLKATA, INDIA

**Course Aim**

MODERN IMAGING FOR TREATMENT PLANNING | IMRT DELIVERY AND PLAN EVALUATION  
SRS, SRT, SBRT | BIOPHYSICAL MODELS | PARTICLE THERAPY  
ADAPTIVE RADIOTHERAPY | AUTOMATED & ARTIFICIAL INTELLIGENCE  
HEALTH TECHNOLOGY ASSESSMENT | HEAVY IONS, FLASH AND GRID THERAPY

Patron

**Prof. Vivek Lal**  
Director, PGIMER  
Chandigarh

Co-Patron

**Prof. Sushmita Ghoshal**  
Head, Dept. of Radiotherapy  
& Oncology, PGIMER CHANDIGARH

**Organising Team**

**Prof. Rakesh Kapoor**  
Organizing Chairman & Course Co-ordinator  
Dept. of Radiotherapy and Oncology  
- PGIMER, Chandigarh

**Dr. Divya Khosla**  
Organizing Secretary  
Dept. of Radiotherapy And Oncology  
PGIMER, Chandigarh

AROI Office Bearers:

**Prof. Manoj Gupta**  
Chair

**Prof. Surendra Nath Senapati**  
President

**Prof. C.S Madhu**  
President Elect

**Prof. V. Srinivasan**  
Secretary General

**Organized By:**  
Department Of Radiotherapy & Oncology, PGIMER Chandigarh  
Mail Id: aroiestrochd@gmail.com Contact: 8894677880, 9876638478



# Events to Attend





## 9th AROI

# Teaching Course on Gynaecological Cancer

## Endorsed by ESTRO

**save the date**

**26<sup>th</sup> to 29<sup>th</sup> March 2026**

Organised by:  
**Homi Bhabha Cancer Hospital & Research Centre,**  
New Chandigarh, Punjab, India

**AROI Course Director:**

**Dr. Supriya Chopra,**  
Radiation Oncologist,  
Tata Memorial Centre,  
Navi Mumbai (IN)

**ESTRO Course Directors:**

**Dr. Remi Nout,**  
Radiation Oncologist,  
Erasmus University  
Medical Centre,  
Rotterdam (NL)

**Dr. Kari Tanderup,**  
Medical Physicist,  
University Hospital,  
Aarhus (DK)

**Course Aim:**

- Concepts of Adaptive MRI/CT based Brachytherapy Contouring
- Composite Intracavitary-Interstitial Brachytherapy Treatment Planning
- Risk-based IG-IMRT target selection & Automated IG-IMRT model building
- Personalised Response Adapted Dose Prescription for locally advanced cervical cancer
- Advanced Image Guided Radiotherapy
- Re-irradiation
- Updates on the Molecular Classification of Endometrial Cancer and its Practical Applications

**Highlights:**

- Pre-conference homework
- Didactic lectures by eminent faculty from AROI & ESTRO
- Hands-on contouring and treatment planning workshops

**Target Group:**

- Radiation Oncologists & Medical Physicists
- Beginner & Advanced Track Participants

**AROI Office Bearers:**

**Dr. Manoj Gupta**  
Chair

**Dr. C.S Madhu**  
President Elect

**Dr. Surendra Nath Senapati**  
President

**Dr. V. Srinivasan**  
Secretary General

**Organising Team:**

**Dr. Ashish Gulia**  
Director HBCH & RC, Punjab  
Chairperson

**Dr. Tapas Kumar Dora**  
OIC, Dept of Radiation Oncology  
Secretary



# Events to Attend



IDA B SCUDDER CANCER CENTER  
CHRISTIAN MEDICAL COLLEGE, VELLORE  
(Serving the nation since 1900)  
Invites you

**IBSCON**  
**2026**

16th Annual Conference  
of Indian Brachytherapy Society  
August 20-22, 2026

The poster features a blue and white design with a wavy, liquid-like background. It includes the logos of the Indian Brachytherapy Society (IBS) and Christian Medical College, Vellore. The text is prominently displayed in a bold, sans-serif font.



# Events to Attend

**50 YEARS**  
EXCELLENCE IN RADIATION ONCOLOGY

**37<sup>th</sup> UPAROICON 2026**  
— UP State Chapter Conference —  
*Under the aegis of Association of Radiation Oncologists of India (AROI)*

**31 October**  
Saturday

**2026**

**01 November**  
Sunday

**Organized by**  
**Department of Radiation Oncology**  
**Kalyan Singh Super Speciality Cancer Institute**  
Lucknow, Uttar Pradesh · CG City, Sultanpur Road

**The Organising Committee warmly welcomes you to 37th UPAROICON 2026 at Lucknow. We look forward to your active participation in making this academic event a grand success and a memorable scientific experience.**

# AROI Greetings



Prof. Manoj Gupta  
Chair, AROI

Prof. S. N. Senapati  
President, AROI

Prof. C. S. Madhu  
President Elect, AROI

Dr. V. Srinivasan  
Secretary General, AROI